Summary Report - Former Waste Oil Tank Remediation And Removal of Discovered Fuel Oil Tank

SCEMD #R05-005 and R05-018 1501 L Street, Sacramento, California Ramcon Project No. 1371-3 & -4

> Prepared For: SCEMD on behalf of: 15th & L Investors, LLC 1415 L Street, CA 95814

Prepared By:
Ramcon Engineering & Environmental Contracting, Inc.
P.O. Box 1026
West Sacramento, CA 95691

Date Issued: May 23, 2005



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May 23, 2005

Sacramento County Environmental Management Department Attention: Mr. Dana Booth 8475 Jackson Road, Suite 230 Sacramento, CA 95826-3904

Fax: 916-875-8513 Phone: 916-875-8474

Former Waste-Oil Tank Remediation Summary Report and Summary of Removal of Discovered Fuel Oil Tank Waste Oil Tank Site (SCEMD #R05-005) Fuel Oil Tank Site (SCEMD #R05-018) 15th & L Streets Property 1501 L Street Sacramento, California Ramcon Project No. 1371-2

Introduction

On behalf of 15th & L Investors LLC, Ramcon has performed site remediation related to a former waste oil tank and has removed a underground fuel oil tank discovered during grading work at the site. Removal and follow-up investigation of the waste-oil tank conditions have been summarized in our report of March 14, 2005, and our work plan dated March 22, 2005. This current report summarizes our completed remediation activities related to the waste-oil tank as well as our removal of the discovered fuel oil tank.

The general site location is shown on the attached Plate 1, Vicinity Map. The layout of the site is shown together with the locations of the remediation and fuel-oil tank areas on Plate 2. Soil sample locations are shown on Plate 3. The original tank removal sample data are summarized on the attached Table 1. The results of follow-up trench testing which now serve as the final confirmation soil sample data are summarized on Table 2. Water sample data collected prior to, during, and following purging of the remedial excavation are presented on Table 3. The results of the testing of soil samples collected following removal of the fuel oil tank are summarized on Table 4. Chemical laboratory reports are presented in Appendix A. Disposal documentation for rinse water, tanks, and soil are presented in Appendix B.

Background

Ramcon removed a 750-gallon underground waste oil tank from the property on February 9, 2005. The tank was discovered by others during preparations for a hotel construction project. The tank contents consisted of oily sludge and soil. The test results from the pit floor and stockpile samples are presented on Table 1. Based upon the high levels of oils, diesel, gasoline and other volatile organic compounds beneath the tank, a meeting was convened with the client, his geotechnical consultant, and County (SCEMD) staff to determine an investigation and remedial approach that would meet the needs of the various involved parties. Follow-up investigation findings and remedial recommendations were presented in our report and work plan dated March 22, 2005. During implementation of the approved work plan, a small underground fuel oil tank was discovered during grading near the sidewalk along L Street. Upon client request and permitting, this tank was removed on May 3, 2005. Details of this removal and remediation of the waste-oil excavation are discussed below.

Waste Oil Remediation

General

Based upon the results of previous trench excavations and the clean hand-auger sample collected beneath the alley, an approximate 20 by 26 by 21 feet deep source removal excavation was performed as outlined on Plate 3. The area was shored with braced sheet piles to protect adjacent alley and building improvements. Profile testing of the excavated soil qualified as Class 2 contaminated soil and was disposed of at Forward Landfill in Manteca, California. Excavation water was allowed to recharge and was tested and purged a number of times to facilitate the "source removal" effort. Wet soils were typically noted at a depth of approximately 16 feet during excavation, although groundwater in the excavation never recovered more than approximately 18 feet below ground surfaces. Following two pit water sampling episodes revealing relatively clean test data, the excavation was backfilled and the shoring was removed.

The primary tasks performed during the work are listed below.

Specific Remediation Tasks

- Obtained an Encroachment Permit from the City of Sacramento
- Designed and installed a braced sheet-pile shoring system to protect alley pavements/utilities and adjacent building foundations
- Excavated source soils within an approximate 20 by 26 foot area to a depth of approximately 21 feet (See Plate 3)
- Profiled and lawfully disposed of approximately 400 cubic yards of impacted soils
- Obtained Sacramento County Wastewater Discharge Permit and purged excavation water into a large Baker-type tank for testing, settling, and discharge to the sanitary sewer.

Groundwater was purged from the excavation five times over the first three weeks in April generating approximately 50,000 gallons of purged water in the process. The purged water met discharge requirements without further treatment and was discharge to the sanitary sewer manhole in the 15th/L Street alley. Purge (pit) water data are summarized on Table 3; lab reports are appended.

- Backfilled the excavation with native soil, placed and compacted in lifts
- Removed sheet pile shoring and patch paved a strip of alley concrete removed during the work.

Fuel Oil Tank Removal

During site grading to generate fill soils for the remedial excavation, a 300-gallon fuel oil tank was discovered along the southerly margin of the site as shown on Plate 2. Following permitting, the tank was exposed, rinsed, and inerted with dry ice. The tank has been removed and was transported and disposed of by Ecology Control Industries. A soil sample was collected from the floor of the excavation and a four-part composite sample was obtained from the overburden soil stockpile. The tank removal and sampling were performed in the presence of SCEMD's Dana Booth.

The described samples have been analyzed by a State-certified laboratory for diesel, volatile aromatic (BTEX) compounds and the oxygenate MTBE. The data are summarized on Table 4. The laboratory report is presented in Appendix A. The data indicate that both the floor and stockpile samples tested non-detect (ND).

Base upon the test data, the excavation was backfilled with a combination of the stockpile soil and native soils generated on site. The backfill material was placed and compacted in lifts.

Documentation regarding rinseate and tank disposal are presented in Appendix B.

Conclusions and Opinions

All but a small amount of source soil has been removed from the waste-oil remediation area. The remaining soil likely extends no more than a few feet northerly of the north excavation wall, considering that samples from the hand-auger boring through the alley tested clean (see last two columns of Table 2). Considering this and the fact that the final groundwater sample from the excavation tested nearly clean, it is our opinion that the remediation has been successful. Further, we have noted a monitor well in the sidewalk along the southern margin of the site. The monitor well was installed to a depth of approximately 25 feet by ENTRIX as part of investigations of conditions beneath a former Firestone Tire site easterly of the property. Our review of an ENTRIX report dated May 9, 2005 indicates a west-southwesterly groundwater gradient. The report also indicates that the on-site well tested clean for gasoline and the full list of volatile organic compounds including oxygenates on April 12, 2005. Based upon this and the successful source removal, no additional work related to the former waste oil tank appears necessary.

With respect to the small fuel oil tank, both the floor and stockpile samples tested clean. Based upon

this and observations during the work, no release related to the fuel oil tank is indicated.

We are hopeful that SCEMD will come to the same conclusions and render a finding of no further action required for the two subject tank sites.

Limitations

Our services are performed in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. Our conclusions are our own opinions based upon our observations and the chemical data. No warranty regarding the accuracy of our opinions or conclusions is expressed or implied.

If there are questions regarding this report or if additional information is required, please contact us.

Sincerely,

Ramcon

Mike Gereghty

Registered Civil Engineer No. 47308

Registered Environmental Assessor I No. 1621

No. 47308 Expires: 6.3

- Attachments: Plate 1, Vicinity Map
 - Plate 2, Site Plan
 - Plate 3, Excavation Sample Plan
 - Table 1, Original Tank Removal Test Data
 - Table 2, Trench Investigation Test Data
 - Table 3, Excavation Water Sample Data
 - Table 4, Fuel Oil Tank Removal Data
 - Appendix A, Chemical Laboratory Reports
 - Appendix B, Relevant Disposal Documentation



NOTES:

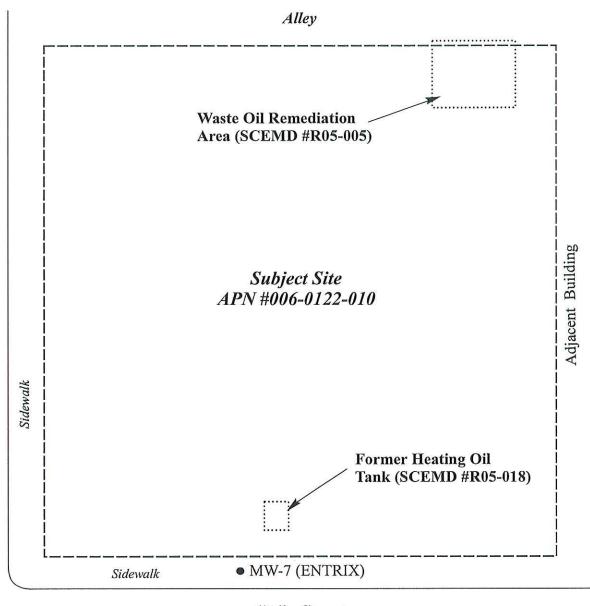
1. DRAWING PREPARED FROM A USGS QUAD MAP; PHOTOREVISED 1980

2. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE ONLY.



	1501 L	Street, Sacramento,	California	PLATE
RAMCON Engineering & Environmental Contracting	Drawn by: MG Date: 3-3-05	Approximate Scale 1" = 2000'	Vicinity Map	1





"L" Street

NOTES:

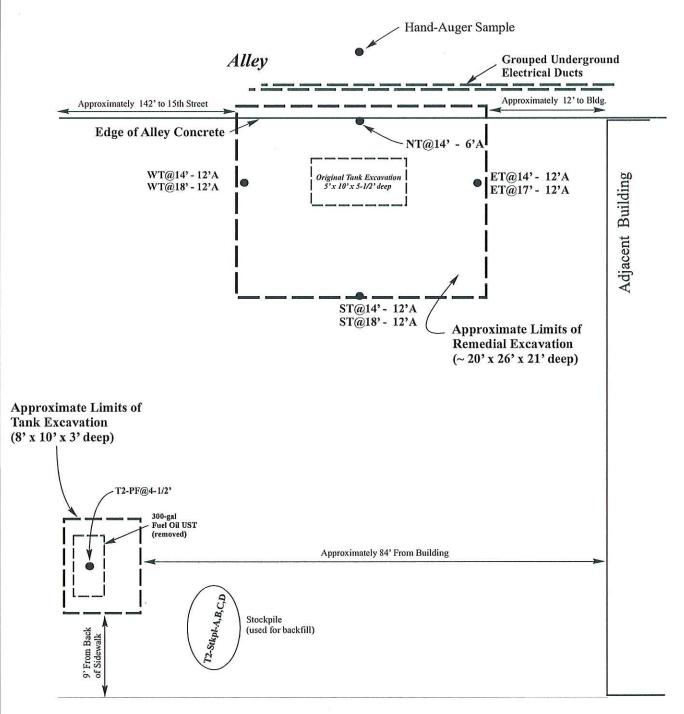
1. DRAWING PREPARED FROM AN ASSESSORS PARCEL MAP AND A FIELD SKETCH.

2. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE ONLY.



1501 L	Street, Sacramento	, California	PLATE
Drawn by: <u>MG</u> Date: <u>5-23-05</u>	Approximate Scale 1' = 30'	Site Plan	2





Sidewalk

L Street

KEY:

SOIL SAMPLE LOCATION

NOTES:

1. DRAWING PREPARED FROM A FIELD SKETCH.

2. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE ONLY.



	1501 L	Street, Sacramento,	California	PLATE
RAMCON Engineering & Environmental Contracting	Drawn by: MG Date: 5-12-05	Approximate Scale at Excavations: 1" = 10'	Excavation Sample Plan	3

15th and L Street Site Original Tank Removal Test Data Soil Samples (ppm)

Analyte	PF@7'-3"	PF@14'	Stkpl-1- A,B,C,D	EPA PRG Res.	EPA PRG Ind.	PRG Soil to Water DAF 20/ DAF 1
Grease/oil	9300	5400	24000	500*	1000*	=
Diesel	4900	2500	6000	100*	100*	151
Gasoline	580	240	490	100*	100*	,
Cadmium	ND	NA	ND	80	暴	-
Chromium	19	NA	23	210	450	38 / 2
Lead	13	8.7	250	150	150	÷
Nickel	26	NA	30	1600	20000	130 / 7
Zinc	52	NA	110	23000	100000	12000 / 620
Ethanol	ND	NA	ND	2"	-	-
Methanol	ND	NA	ND	-	-	-
PCBs Aro 1016	0.68	NA	1.6	3.9	21	-
Semi-Vol Org	ND	NA	ND	-	-	
VOCs Acetone	5.9	ND	20	1600	6000	16/.8
n-Butylbenzene	2.9	.68	.59	240	240	-
sec-butylbenzne	ND	.58	.54	220	220	-
tert-butylbenzene	.049	.063	ND	390	390	-
Chlorobenzene	ND	.065	.047	150	530	1 / .07
1,2-EDB	.0084	ND	ND	.0069	.028	-
1,2-Dichloroethane	ND	ND	.054	.28	.6	.02 / .001
Ethylbenzene	26	.070	17	8.9	21	13 / .7
2-Hexanone	.052	ND	ND	:=:	-	-
Isopropylbenzene	2.5	1.3	.80			ā
p-Isopropyltoluene	2.2	.33	.75	e	17.0	202
Methylene Chloride	0.30	ND	.35	9.1	21	.02 / .001
4-methyl-2-pentanone	0.26	ND	.37	250	a)	8
Napthalene	7.8	5.1	8.6	4.2*	4.2*	8
n-Propylbenzene	5.8	3.2	4.3	240	240	2
PCE	0.11	ND	.19	1.5	3.4	.06 / .003
Toluene	27	ND	20	520	520	12 / .6
TCE	.0054	ND	.097	.053	.11	.06 / .003
1,3,5 Trimethylbenzene	11	ND	11	21	70	-
1,2,4 Trimethylbenzene	37	ND	33	52	170	-
Xylenes	140	.19	100	270	420	210 / 10
Tert-butyl alcohol	.081	ND	ND	*		-

PRGs refer to the EPA Region IX Preliminary Remediation goals.

^{*} No Known PRGs - Listed values developed by the San Francisco Bay Regional Water Quality control Board - Updated 2/4/04.

^[-] Unknown or not available at this time.

Tabulated data are for convenience - no assurances are expressed or implied regarding current standing of regulatory values or transposition accuracies. Refer to lab report for test methods, actual data, and detection/reporting limits.

15th and L Street Site - Samples Collected 2-24-05 Trench Investigation Test Data - Soil Samples (ppm) (Considered Remedial Excavation Final Samples)

Analyte	WT@14'	WT@18'	ST@14'	ST@18'	ET@12'	ET@17'	NT@14'	NHA@14'	NHA@17-1/2'
Grease/oil	ND	ND	ND	ND	ND	ND	1600	ND	ND
Diesel	ND	ND	ND	ND	ND	ND	790	ND	ND
Gasoline	ND	ND	ND	ND	ND	ND	55	ND	ND
Full VOCs Acetone	ND	ND	ND	ND	ND	ND	0.34	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	0.12	ND	ND
sec-butylbenzne	ND	ND	ND	ND	ND	ND	0.10	ND	ND
tert-butylbenzene	ND	ND							
Chlorobenzene	ND	, ND	ND	ND	ND .	, ND	ND	ND	ND
1,2-EDB	ND	ND							
1,2-Dichloroethane	ND	ND							
Ethylbenzene	ND	ND	ND	ND	ND	ND	1.3	ND	ND
2-Hexanone	ND	ND							
Isopropylbenzene	ND	ND	ND	ND	ND	ND	0.12	ND	ND
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	0.097	ND	ND
Methylene Chloride	ND	ND							
4-methyl-2-pentanone	ND	ND							
Napthalene	ND	ND	ND	ND	ND	ND	1.1	ND	ND
n-Propylbenzene	ND	ND	ND	ND	ND	ND	0.26	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	0.026	ND	ND
PCE	ND	ND	ND	ND	ND	ND	0.011	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	0.63	ND	ND
TCE	ND	ND							
1,3,5 Trimethylbenzene	ND	ND	ND	ND	ND	ND	2.6	ND	ND
1,2,4 Trimethylbenzene	ND	ND	ND	ND	ND	ND	4.2	ND	ND
Xylenes	ND	ND	ND	ND	ND	ND	8.2	ND	ND

Tabulated data are for convenience - no assurances are expressed or implied regarding transposition accuracies. Refer to lab reports in appendix for test methods, actual data, and reporting limits.



15th and L Street Site Excavation Groundwater Test Data - Water Samples (ppb)

Analyte	P-Water-1 (4-5-05)	P-Water-2 (4-14-05)	P-Water-3 (4-20-05)
Diesel	520	98	ND
Motor Oil	1200	ND	54
Gasoline	300	ND	NA
Cadmium	ND	NA	NA
Chromium	ND	NA	NA
Lead	ND	NA	NA
Nickel	ND	NA	NA
Zinc	74	NA	NA
PCBs	ND	NA	NA
Full VOCs Acetone	ND	ND	ND
n-Butylbenzene	6.5	ND	ND
sec-butylbenzne	ND	ND	ND
tert-butylbenzene	ND	ND	ND
Chlorobenzene	ND	ND	ND
Chloroform	ND	8.2	7.7
1,2-EDB	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND
Ethylbenzene	ND	ND .	ND
2-Hexanone	ND	ND	ND
Isopropylbenzene	ND	ND	ND
p-Isopropyltoluene	ND	ND	ND
Methylene Chloride	ND	ND	ND
4-methyl-2-pentanone	ND	ND	ND
Napthalene	5.2	ND	ND
n-Propylbenzene	6.5	ND	ND
Styrene	ND	ND	ND
PCE	ND	ND	ND
Toluene	ND	ND	ND
TCE	ND	ND	ND
1,3,5 Trimethylbenzene	5.1	ND	ND
1,2,4 Trimethylbenzene	14	0.99	ND
Xylenes	40	ND	ND
5 Oxygenates	ND	ND	ND

Tabulated data are for convenience - no assurances are expressed or implied regarding transposition accuracies. Refer to lab reports in appendix for test methods, actual data, and reporting limits.

Table 4 - TANK 2 REMOVAL - SOIL SAMPLE DATA

Summary Chemical Data 15TH & L Streets, 300-Gallon Fuel Oil Tank

Sample	Date Sampled	TPH d	Benzene	Toluene	Ethylbenz.	Xlenes	МТВЕ
T2-PF@4-1/2°	5-3-05	ND	ND	ND	ND	ND	ND
T2-Stkpl(A-D)	5-3-05	ND	ND	ND	ND	ND	ND

Data is tabulated for convenience; refer to appended data for actual data, test methods, and reporting limits.

Appendix A Lab Data Reports

Trench Investigation Data

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 28, 2005

CLS Work Order #: COB0783

COC #: 57875

Mike Gereghty Ramcon P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95691 W. Sacramento, Ca 95691

Project Name: 15th & L Investors

Enclosed are the results of analyses for samples received by the laboratory on 02/24/05 16:15. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D. Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

02/28/05 09:33

Ramcon

Project: 15th & L Investors

CLS Work Order #: COB0783

COC#: 57875

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Re _l Result	oorting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST@14' - 12'A (COB0783-01) Soil	Sampled: 02/24/05 00:0	0 Rec	eived: 02/	/24/05 16:1			-		
Hexane Extractable Material (HEM)	ND	50.	mg/kg	1 .	CO01480	02/24/05	02/24/05	EPA 1664	
ST@18' - 12'A (COB0783-02) Soil	Sampled: 02/24/05 00:0	0 Rec	eived: 02/	/24/05 16:1	.5				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	
ET@14' - 12'A (COB0783-03) Soil	Sampled: 02/24/05 00:0	0 Rec	eived: 02	/24/05 16:	15				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	*
ET@17' - 12'A (COB0783-04) Soil	Sampled: 02/24/05 00:0	0 Rec	eived: 02	/24/05 16:1	15				
Hexane Extractable Material (HEM)	. ND	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	
NT@14' - 6'A (COB0783-05) Soil	Sampled: 02/24/05 00:00	Rece	ived: 02/2	24/05 16:1:	5				
Hexane Extractable Material (HEM	1) 1600	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	
WT@14' - 12'A (COB0783-06) Soil	Sampled: 02/24/05 00:	00 Re	ceived: 02	2/24/05 16:	15				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	
WT@18' - 12'A (COB0783-07) Soil	Sampled: 02/24/05 00:	00 Re	ceived: 02	2/24/05 16:	15				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01480	02/24/05	02/24/05	EPA 1664	

02/28/05 09:33

Ramcon

Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO)

COC #: 57875

W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

Extractable Petroleum Hydrocarbons by EPA Method 8015M

	Re	porting				**			32
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST@14' - 12'A (COB0783-01) Soil	Sampled: 02/24/05 00:0	0 Rece	eived: 02/2	24/05 16:1	5				
Diesel	ND	1.0	mg/kg	1	CO01460	02/24/05	02/25/05	EPA 8015M	
ST@18' - 12'A (COB0783-02) Soil	Sampled: 02/24/05 00:0	0 Rece	eived: 02/2	24/05 16:1	5				
Diesel	ND	1.0	mg/kg	I	CO01460	02/24/05	02/25/05	EPA 8015M	
ET@14' - 12'A (COB0783-03) Soil	Sampled: 02/24/05 00:0	00 Rec	eived: 02/	24/05 16:1	15				
Diesel	ND	1.0	mg/kg	l	CO01460	02/24/05	02/25/05	EPA 8015M	
ET@17' - 12'A (COB0783-04) Soil	Sampled: 02/24/05 00:0	00 Rec	eived: 02/	24/05 16:1	15				
Diesel	ND	1.0	mg/kg	1	CO01460	02/24/05	02/25/05	EPA 8015M	
NT@14' - 6'A (COB0783-05) Soil	Sampled: 02/24/05 00:00	0 Recei	ived: 02/2	4/05 16:15	5				
Diesel	790	10	mg/kg	10	CO01460	02/24/05	02/25/05	EPA 8015M	DSL-1
WT@14' - 12'A (COB0783-06) Soil	Sampled: 02/24/05 00:	:00 Red	eived: 02	/24/05 16:	15				
Diesel	ND	1.0	mg/kg	1	CO01460	02/24/05	02/25/05	EPA 8015M	
WT@18' - 12'A (COB0783-07) Soil	Sampled: 02/24/05 00:	:00 Rec	eived: 02	/24/05 16:	15				
Diesel	ND	1.0	mg/kg	1	CO01460	02/24/05	02/25/05	EPA 8015M	

02/28/05 09:33

Ramcon

Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

TPH-Gasoline by GC FID

	- COMMON						The state of the s		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST@14' - 12'A (COB0783-01) Soil	Sampled: 02/24/05	00:00 Rece	eived: 02/2	24/05 16:1	5				
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		95.7 %	65-	135	n	"	"	n	
ST@18' - 12'A (COB0783-02) Soil	Sampled: 02/24/05	00:00 Rece	eived: 02/	24/05 16:1	5				
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		92.4%	65-		n v	"	u	и	
ET@14' - 12'A (COB0783-03) Soil	Sampled: 02/24/05		241		The state of the s			WD 1 004 51 6	
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		93.7 %	65-	135	<i>n</i> .	"	n	•	
ET@17' - 12'A (COB0783-04) Soil	Sampled: 02/24/05	00:00 Rec	eived: 02/	24/05 16:1	15				
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		93.9 %	65-	135	"	"	"	n	
NT@14' - 6'A (COB0783-05) Soil	Sampled: 02/24/05	0:00 Rece	ived: 02/2	4/05 16:1:	5				
Gasoline	55	10	mg/kg	10	CO01505	02/25/05	02/25/05	EPA 8015M	D-12, GAS-1
Surrogate: o-Chlorotoluene (Gas)		192 %	65-	135	"	"	"	"	S-04
WT@14' - 12'A (COB0783-06) Soil	Sampled: 02/24/0:	5 00:00 Red	ceived: 02	2/24/05 16:	15				
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		92.7 %	65-	135	n	n i	"	"	
WT@18' - 12'A (COB0783-07) Soil	Sampled: 02/24/0	5 00:00 Re	ceived: 02	2/24/05 16:	15				
Gasoline	ND	1.0	mg/kg	1	CO01505	02/25/05	02/25/05	EPA 8015M	9
Surrogate: o-Chlorotoluene (Gas)	-	93.6 %	65-	135	"	"	u	"	

02/28/05 09:33

Ramcon

Project:

15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Volatile Organic Compounds by EPA Method 8260B

Analyte		orting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note:
ST@14' - 12'A (COB0783-01) Soil		HOLDER STATE	eived: 02/	24/05 16:1:	5			***************************************	
Acetone	ND	100	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
Benzene	ND	5.0	"		n	Ü	и	Ü	
Bromobenzene	ND	5.0	n		n	"	п	n,	
Bromochloromethane	ND	5.0	n	-11	30	11	n	11	
Bromodichloromethane	ND	5.0	n	.00	п	u		п	
Bromoform	ND	5.0	"			*	· ·	*	
Bromomethane	ND	10	п	Diff	ж	"	201	n	
2-Butanone	ND	100	n.	.01		Ü	n		
n-Butylbenzene	ND	5.0	11		"	и	п	n	
sec-Butylbenzene	ND	5.0	**	10	31	н	ा	n	
tert-Butylbenzene	ND	5.0	in.	200	10	ñ	п	Ü	
Carbon tetrachloride	ND	5.0	n	11		n	п	m .	
Chlorobenzene	ND	5.0	n	и	111	"	"	п	
Chloroethane	ND	5.0	н	196	10.	и.	n.	ñ	
Chloroform	ND	5.0	н	n		n	"	"	
Chloromethane	ND	10	n	n	"	n	11	11	
o-Chlorotoluene	ND	5.0	16	H	an.	11	n	n	
p-Chlorotoluene	ND	5.0	,	n		Ü	n	n	
Dibromochloromethane	ND	5.0	n	n		"	2	и	
1,2-Dibromo-3-chloropropane	ND	10	,,	10	n.	11		ñ	
1,2-Dibromoethane (EDB)	ND	5.0		и	н	11	n	n .	
Dibromomethane	ND	5.0		in .	н	"	9	**	
1,2-Dichlorobenzene	ND	5.0	n	n n	n	n	"	m .	
1,3-Dichlorobenzene	ND	5.0		ů	n	,,	n	n	
1,4-Dichlorobenzene	ND	5.0		10		"	11	"	
Dichlorodifluoromethane (Freon 12)	ND	10		W.	- 0	11	a	21	
1,1-Dichloroethane	ND	5.0	: a .	(30.	n	"	*	'n	
1,2-Dichloroethane	ND	5.0	n	,,	н	n		п	
1,1-Dichloroethene	ND	5.0			- 11	n	17	н .	
cis-1,2-Dichloroethene	ND	5.0	и.		10.	ñ	,	9	
trans-1,2-Dichloroethene	ND	5.0		ü	n.	n .			
1,2-Dichloropropane	ND	5.0	0.	9	10	in I	11	311.37	
1,3-Dichloropropane	ND	5.0	и.	п		11	n	0	
2,2-Dichloropropane	ND	5.0		ï		,,	11	n,	
1,1-Dichloropropene	ND	5.0		n .		n	n	m ^o	

CA DOHS ELAP Accreditation/Registration Number 1233

02/28/05 09:33

Ramcon

Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO)

COC #: 57875

W. Sacramento, Ca 95691 Project Manager: Mike Gereghty

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Repo . I	rting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
ST@14' - 12'A (COB0783-01) Soil	Sampled: 02/24/05	00:00	Rece	eived: 02	/24/05 16:1	5				
cis-1,3-Dichloropropene	ND		5.0	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	2	5.0	"	11		"	n	m.	
Ethylbenzene	ND		5.0	"		"		n	п	
1,1,2-Tricholoro-1,2,2-trifluoroethane	(ND		5.0	"		"		п	11	
Freon 113)										
Hexachlorobutadiene	ND		5.0	"	"	."	n		"	
2-Hexanone	ND		50		,,	<u>u</u>	90%	34%	enc:	
Isopropylbenzene	ND		5.0		n	" 1	н	11	"	
p-Isopropyltoluene	ND		5.0	39	"	"	11		"	
Methylene chloride	ND		5.0	"	n		"	н	(H)	
4-Methyl-2-pentanone	ND		50		.00	u.			u	
Methyl tert-butyl ether	ND		5.0	"	н	ti.		п	n	
Naphthalene	ND		5.0	2	"	u.		"	an .	
n-Propylbenzene	ND		5.0	"	m.	11	л.	n:	n	
Styrene	ND		5.0		11	ü	"	"	n	
1,1,2,2-Tetrachloroethane	ND		5.0	9	n	"	n	n	п	
1,1,1,2-Tetrachloroethane	ND		5.0	**	.00	"	(H)	n	(H)	
Tetrachloroethene	ND		5.0	ñ	п	ũ	n	н	н	
Toluene	ND		5.0	,,			•	и.		
1,2,3-Trichlorobenzene	ND		5.0	"		"		110	н	
1,2,4-Trichlorobenzene	ND		5.0	7	11	ü			m.	
1,1,2-Trichloroethane	ND		5.0		п	u.		11	и	
1,1,1-Trichloroethane	ND		5.0	19	,0	11	n		111	
Trichloroethene	ND		5.0		n.	ü	H		11	
Trichlorofluoromethane	ND		5.0	10		ü	,,	38		
1,2,3-Trichloropropane	ND		5.0	,,	,,,	"	и		(10)	
1,3,5-Trimethylbenzene	ND		5.0	,,	.00	y	n	11		
1,2,4-Trimethylbenzene	ND		5.0	"	n		n	n	n.	
Vinyl chloride	ND		10	,,		n	п	н	in.	
Xylenes (total)	ND		10	11	11	n	311	н	п	
Surrogate: 1,2-Dichloroethane-d4		10	24 %	50.	-125	,,	,,,	,,	,,	
Surrogate: Toluene-d8			6%		-125	"	"	n	,,	
Surrogate: 4-Bromofluorobenzene		-,,,-,,,	2%		-128	"	и	и	n	

CA DOHS ELAP Accreditation/Registration Number 1233

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Rej Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST@18' - 12'A (COB0783-02) Soil	Sampled: 02/24/05 00:0	CHO ACYMICANINI	ADVADA BEZ	CONTRACTOR APPENDING	V-1/10/258-1944		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Acetone	ND	100	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
Benzene	ND	5.0	"	11	"	10	n .		
Bromobenzene	ND	5.0	н	n	n		n	(n)	95)
Bromochloromethane	ND	5.0	**	**	"		ä	и	
Bromodichloromethane	ND	5.0	"	н.	"	н	н :	11	
Bromoform	ND	5.0		"	"		Ü	11	
Bromomethane	ND	10	9		9		ĕ	H.	
2-Butanone	ND	100	"	u	<u>n</u> 5	19	н	300	
n-Butylbenzene	ND	5.0	я	30.	,,	11	ñ.	n	
sec-Butylbenzene	ND	5.0	9		n		n	11	
tert-Butylbenzene	ND	5.0	"	н	n		n i	п	
Carbon tetrachloride	ND	5.0	11	n	11	310	л.	n	
Chlorobenzene	ND	5.0	n		n			n	
Chloroethane	ND	5.0	11	"	9		iii	ar.	
Chloroform	ND	5.0	н	38%		.10		n	
Chloromethane	ND	10	n		"		ũ	n	
o-Chlorotoluene	ND	5.0	11	10	20		n	a	
p-Chlorotoluene	ND	5.0	11	н	11	100	31	30.5	
Dibromochloromethane	ND	5.0	"	"	"	,,			
1,2-Dibromo-3-chloropropane	ND	10	9	11	9		20		
1,2-Dibromoethane (EDB)	ND	5.0	"	1100	n		"	an.	
Dibromomethane	ND	5.0	**	0	"	11	н	"	
1,2-Dichlorobenzene	ND	5.0	н		"		'n		
1,3-Dichlorobenzene	ND	5.0	2		11	W	**	an .	
1,4-Dichlorobenzene	ND	5.0	"	.00	,,	и	n	11	
Dichlorodifluoromethane (Freon 12)	ND	10	"		,		Ü	,	
1,1-Dichloroethane	ND	5.0	<u>n</u>	"	n	Tr.	.01	:H :	
1,2-Dichloroethane	ND	5.0	"	10	"		n	п	
1,1-Dichloroethene	ND	5.0	11	"	10		n	H	
cis-1,2-Dichloroethene	ND	5.0	"		n	"	n.	an .	
trans-1,2-Dichloroethene	ND	5.0	п	36	"	110		и	
1,2-Dichloropropane	ND	5.0	11	11	n		'n		
1,3-Dichloropropane	ND	5.0	11	11	11			н	
2,2-Dichloropropane	ND	5.0	н		11	116	n	,n	
1,1-Dichloropropene	ND	5.0	H	11	n	10	n	"	

02/28/05 09:33

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST@18' - 12'A (COB0783-02) Soil	Sampled: 02/24/05 00	:00 Rece	eived; 02/2	4/05 16:1	5				
cis-1,3-Dichloropropene	ND	5.0	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	11	n	"	ij.	"		
Ethylbenzene	ND	5.0			н	",	н	п	
1,1,2-Tricholoro-1,2,2-trifluoroethane	(ND	5.0	310	1301	n.	11	п	н	
Freon 113)		100,1000							
Hexachlorobutadiene	ЙD	5.0	н	F.W.	, II	"	ı		
2-Hexanone	ND	50		11	н	Œ.	"	n	
Isopropylbenzene	ND	5.0	"	n		ű.	ar.	"	
p-Isopropyltoluene	ND	5.0		00		130	100		
Methylene chloride	ND	5.0	п	н	"	11	11	n	
4-Methyl-2-pentanone	ND	50		Ħ	н	'n		n	
Methyl tert-butyl ether	ND	5.0	н	(31)	H		н	. 11	
Naphthalene	ND	5.0	"	n	"	"	п	n	
n-Propylbenzene	ND	5.0	"	n	n	"	и	"	
Styrene	ND	5.0	11	UO:	"	11	310	OH:	
1,1,2,2-Tetrachloroethane	ND	5.0	11	n	**	n	п	п	
1,1,1,2-Tetrachloroethane	ND	5.0	"	н	•	п	п	n	
Tetrachloroethene	ND	5.0	11		n	TI.	п	316	
Toluene	ND	5.0	an .	1.00	. 11	n.	n	n	
1,2,3-Trichlorobenzene	ND	5.0	"	"		•	n	11	
1,2,4-Trichlorobenzene	ND	5.0	11			OR .	311	п	
1,1,2-Trichloroethane	ND	5.0	30	0.0	H.	Ü	n	n	
1,1,1-Trichloroethane	ND	5.0	y.	n			n	n	
Trichloroethene	ND	5.0	11		"	- 0	п	п	
Trichlorofluoromethane	ND	5.0	310	100	30		11	и	
1,2,3-Trichloropropane	ND	5.0	11	•		•	m.	n .	
1,3,5-Trimethylbenzene	ND	5.0	11				я	n n	
1,2,4-Trimethylbenzene	ND	5.0	316	200	386	:11.	30.5		
Vinyl chloride	ND	10	11	n	11	TI .	n	n	
Xylenes (total)	ND	10	n .		"		"	n	
Surrogate: 1,2-Dichloroethane-d4		125 %	50-1	25	"	<i>11</i> 19	"	īī	
Surrogate: Toluene-d8		99.2%	62-1		"	u	"	u	
Surrogate: 4-Bromofluorobenzene		97.0%	50-1		"	,,	"	ï	
Surroguie: 4-bromojiuorovenzene		91.0 70	30-1	20	4,040				

CALIFORNIA LABORATORY SERVICES

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ET@14' - 12'A (COB0783-03) Soil	Sampled: 02/24/05 00								
Acetone	ND	100	μg/kg	. 1	CO01464	02/24/05	02/24/05	EPA 8260B	
Benzene	ND	5.0	"	"	# #		"		
Bromobenzene	ND	5.0		# n		1			
Bromochloromethane	ND	5.0			n n	п	,,		
Bromodichloromethane	ND	5.0	"		,,			"	
Bromoform	ND	5.0	"	'n					
Bromomethane	ND	10	"	n	11	11 ()	,,	(4)	
2-Butanone	ND	100	"	n	и х	,,			
n-Butylbenzene	ND	5.0	"	'n	"	11	27	"	
sec-Butylbenzene	ND	5.0	"	н	11	110		.00	
tert-Butylbenzene	ND	5.0	"	n	u u	"	Ü		
Carbon tetrachloride	ND	5.0		9	ii.	"	n n	п	i.
Chlorobenzene	ND	5.0	"	11	"	H.	"	.1103	
Chloroethane	ND	5.0	n	n	"	"			
Chloroform	ND	5.0	11	"	"		"	11	
Chloromethane	ND	10	"	9	н	10	"	a.	
o-Chlorotoluene	ND	5.0	"	ñ	n.	"	n	"	
p-Chlorotoluene	ND	5.0	"		n		'n		
Dibromochloromethane	ND	5.0	"	"	"		n	115	
1,2-Dibromo-3-chloropropane	ND	10	11	n	u.	30.0		n .	
1,2-Dibromoethane (EDB)	ND	5.0	"	9		н	n		
Dibromomethane	ND	5.0		Ŋ	ij	n	ņ	H.	
1,2-Dichlorobenzene	ND	5.0	#	,11	n	.0	,		
1,3-Dichlorobenzene	ND	5.0	n	ũ	n n	n	9		
1,4-Dichlorobenzene	ND	5.0	"	n		n	,,	11	
Dichlorodifluoromethane (Freon 12)	ND	10	н	n	"	.11		36	
1,1-Dichloroethane	ND .	5.0	n	ñ	n	п	'n		
1,2-Dichloroethane	ND	5.0	n	'n	n		9	н	
1,1-Dichloroethene	ND	5.0	"	н		.000		.11	
cis-1,2-Dichloroethene	ND	5.0	,,		и	,	n		
trans-1,2-Dichloroethene	ND	5.0		,,			0	w	
1,2-Dichloropropane	ND	5.0	"	n	11	.90%	11		
1,3-Dichloropropane	ND ND	5.0	"	11	n	11		W	
2,2-Dichloropropane	ND	5.0	н	ñ	и	и.	11		
1,1-Dichloropropene	ND	5.0	,		"	nr.	n	ж	
1,1-Diemoropropene	מא	5.0							

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO)

COC #: 57875

W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

Analyte	Rep Result	orting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ET@14' - 12'A (COB0783-03) Soil								V-1000044044V908D)	A STATE OF THE STA
	ND	5.0		1	CO01464	02/24/05	02/24/05	EPA 8260B	
cis-1,3-Dichloropropene	ND ND	5.0	μg/kg "	1 "	CO01464	02/24/03	02/24/03	EFA 8200B	
trans-1,3-Dichloropropene	ND ND	5.0	"	n	n.		11		
Ethylbenzene 1,1,2-Tricholoro-1,2,2-trifluoroethane		5.0	ñ	n	ii.	n	,,	n	
Freon 113)	(ND	5.0							
Hexachlorobutadiene	ND	5.0	n	н	n	n	"	и	
2-Hexanone	ND	50	"	11	11	"	"	n .	
Isopropylbenzene	ND	5.0	31			n	ŭ		
p-Isopropyltoluene	ND	5.0	n	11	0.7		u.	,	
Methylene chloride	ND	5.0	н	"	n	н	"		
4-Methyl-2-pentanone	ND	50	11	11	. 11	.99	n	n	
Methyl tert-butyl ether	ND	5.0	n	n	16	ñ	n		
Naphthalene	ND	5.0	n	н	11	,,	n	m .	
n-Propylbenzene	ND	5.0	n	"	11	.,	"		
Styrene	ND	5.0	,	H	n	,,	ü	n	
1,1,2,2-Tetrachloroethane	ND	5.0	n	,	п	11		и	
1,1,1,2-Tetrachloroethane	ND	5.0	н	н	н	11	11	n .	
Tetrachloroethene	ND	5.0	л	ü	п	*	п	n	
Toluene	ND	5.0	,,	"	"			n	
1,2,3-Trichlorobenzene	ND	5.0	11	"		,,	n	m.	
1,2,4-Trichlorobenzene	ND	5.0	,,			,,	ū	п	
1,1,2-Trichloroethane	ND	5.0	**	n		n	n	u	
1,1,1-Trichloroethane	ND	5.0		11	**	11	п	и	
Trichloroethene	ND	5.0	я	**	n	19	ŭ	n .	
Trichlorofluoromethane	ND	5.0	n	n		11	•	W-1	
1,2,3-Trichloropropane	ND	5.0	n	"	11	n	"	W.	
1,3,5-Trimethylbenzene	ND	5.0	я		310	n		N.	
1,2,4-Trimethylbenzene	ND	5.0	,,		n	n	n n	n	
Vinyl chloride	ND	10	n		п	н	9	m.	
Xylenes (total)	ND	10	n	n	OH	"	u	ii.	
Surrogate: 1,2-Dichloroethane-d4	ų.	28 %	50-12	25	,,	"	"	n.	S-HI
Surrogate: 1,2-Dictioroethane-u4 Surrogate: Toluene-d8		01%	62-12		"	,,	"	"	DIII
Surrogate: 4-Bromofluorobenzene		6.8%	50-12		"	,,	"	n	
surrogaie: 4-bromojiuorovenzene	9	0.0 70	30-12	0					

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Re Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		. Y. SUSSIANS	= 1000000000000000000000000000000000000	VS \$55655 MV. 603675		Tropurou			
ET@17' - 12'A (COB0783-04) Soil	Sampled: 02/24/05 00:0		eived: 02/	/24/05 16:1	5				
Acetone	ND	100	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
Benzene	ND	5.0	".	"	"	ü	n	"	
Bromobenzene	ND	5.0	н	"	"	n		6	
Bromochloromethane	ND	5.0	"	11	n	ii.	-11	n'	
Bromodichloromethane	ND	5.0	"	"	"	11	"	п	
Bromoform	ND	5.0		"	"	ij.	"	"	
Bromomethane	ND	10		"		W.	7.0	и	
2-Butanone	. ND	100	.00		n v	n.	ж.		
n-Butylbenzene	ND	5.0	n	n	,11			и	
sec-Butylbenzene	ND	5.0			11	n.	311	п	
tert-Butylbenzene	ND	5.0	10	2013		n	7.64	B.	
Carbon tetrachloride	ND	5.0	"			- Ü	'n	n	
Chlorobenzene	ND	5.0		11			n	л	
Chloroethane	ND	5.0	.11	H	in .	111	.11	±11	
Chloroform	ND	5.0	51	n	19	11	n	п	
Chloromethane	ND	10	,11	n	**	11		п	
o-Chlorotoluene	ND	5.0	11	H	m	n.	311	8.00	
p-Chlorotoluene	ND	5.0	"	n	31		n	n	
Dibromochloromethane	ND	5.0			11	n		n	
1,2-Dibromo-3-chloropropane	ND	10	11		11	u	11	Tim:	
1,2-Dibromoethane (EDB)	ND	5.0	31	, it	31.	n	и	n	
Dibromomethane	ND	5.0		n	11	n	ıı	n	
1,2-Dichlorobenzene	ND	5.0	11	n	11	n	н	/m	
1,3-Dichlorobenzene	ND	5.0		.0	an:		n.	n	
1,4-Dichlorobenzene	ND	5.0			"			n	
Dichlorodifluoromethane (Freon 12)	ND	10	н	n	"	n	н	Tim'	
1,1-Dichloroethane	ND	5.0	.11	- 10	310	0.0	ñ	n .	
1,2-Dichloroethane	ND	5.0	11	u	n	п	11	n	
1,1-Dichloroethene	ND	5.0	11			n		111	
cis-1,2-Dichloroethene	ND	5.0	(0)/		ж	OR:	11	OR.	
trans-1,2-Dichloroethene	ND	5.0	,,				11	**	
1,2-Dichloropropane	ND ND	5.0			0	H.	ıı	и	
1,3-Dichloropropane	ND ND	5.0		n		10	11	THE STATE OF THE S	
2,2-Dichloropropane	ND ND	5.0	"	,,	и	n	"	n	
1,1-Dichloropropene	ND ND	5.0		n			"	п	
1,1-Dicinoropropene	ND	5.0	9887	2.50	1000	800	20076	020	

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ET@17' - 12'A (COB0783-04) Soil	Sampled: 02/24/05 0	0:00 Rec	eived: 02/	/24/05 16:1	5				
cis-1,3-Dichloropropene	ND	5.0	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	. "	11	"	"	u u	n	
Ethylbenzene	ND	5.0	9	0	н		or or	n	
1,1,2-Tricholoro-1,2,2-trifluoroethane	(ND	5.0	n	11	11	o.	11.	н	
Freon 113)									
Hexachlorobutadiene	ND	5.0	H.	"	9.	.00%		"	
2-Hexanone	ND	50	Œ	'n	n	11	"		
Isopropylbenzene	ND	5.0	ii.	"	" ,	11	n n	"	
p-Isopropyltoluene	ND	5.0	"	"	11	115	0.		
Methylene chloride	ND	5.0	n	Ü	"	,,	"	n	
4-Methyl-2-pentanone	ND	50	"	н	"	"	n	21	
Methyl tert-butyl ether	ND	5.0	n	n	n	10	и	29	
Naphthalene	ND	5.0	11	n	ũ	11	n.	n	
n-Propylbenzene	ND	5.0	н	"		"	"	n .	
Styrene	ND	5.0	n	"	**	11	н	21	
1,1,2,2-Tetrachloroethane	ND	5.0	119.	и	11.	19	n	n	
1,1,1,2-Tetrachloroethane	ND	5.0	Ħ	n	u	"	ü		
Tetrachloroethene	ND	5.0	п	"				"	
Toluene	ND	5.0	n	,,	n.		: 10.		
1,2,3-Trichlorobenzene	ND	5.0	n	n n		"		0	
1,2,4-Trichlorobenzene	ND	5.0	n	"	ii.	n .	n	"	
1,1,2-Trichloroethane	ND	5.0	n	19	11	.00	11.	n .	
1,1,1-Trichloroethane	ND	5.0	n	n	<u>iii</u>	n	11	Ü	
Trichloroethene	ND	5.0	n	,,	"	11	n	."	
Trichlorofluoromethane	ND	5.0	3.00	"	n.	10%	0.00	n	
1,2,3-Trichloropropane	ND	5.0	"		ű.	11	n	0	
1,3,5-Trimethylbenzene	ND	5.0	п	n .	m .	"	n.		
1,2,4-Trimethylbenzene	ND	5.0	THE STATE OF THE S	"	H.	30%	n		
Vinyl chloride	ND	10	n	Ü	11	19	n .	Ü	
Xylenes (total)	ND	10	u	,,	Œ	n	"	n	
Surrogate: 1,2-Dichloroethane-d4		138 %	50_	125	"	"	"	,,	S-HI
Surrogate: Toluene-d8		103 %		125	"	"	H.	и	5711
Surrogate: 4-Bromofluorobenzene		96.0 %		128	"	•	<i>n</i>	"	

CALIFORNIA LABORATORY SERVICES

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	oorting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NT@14' - 6'A (COB0783-05) Soil	Sampled: 02/24/05 00:00	Rece	ived: 02/2	4/05 16:15				TOTAL TRANSPORTER	
Acetone	340	100	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
Benzene	ND	5.0	"	. "	n		n		
Bromobenzene	ND	5.0		11	n	11	"	.11	
Bromochloromethane	ND	5.0	911	31		.10	(H)	311/	
Bromodichloromethane	ND	5.0		**	"		u	n	
Bromoform	ND	5.0		u	H	n	n	11	
Bromomethane	ND	10	36.5	3110	10	300	.0	n	
2-Butanone	ND	100	n	ir.	" 1	п	п	п	
n-Butylbenzene	120	5.0	n		,		31	n	
sec-Butylbenzene	100	5.0	# 5	110	н	н	300	и	
tert-Butylbenzene	ND	5.0	n	11	n	"	"	n n	
Carbon tetrachloride	ND	5.0		н	70		n		
Chlorobenzene	ND	5.0	n ·	310	'n	ar .	ine if	owe:	
Chloroethane	ND	5.0	n	n	71	11	п	п	
Chloroform	ND	5.0	п		n		n		
Chloromethane	ND	10	,,		н	ж	m ·	3 10 %	
o-Chlorotoluene	ND	5.0	я	'n	n	H ,	n	11	
p-Chlorotoluene	ND	5.0	.0	11	20				
Dibromochloromethane	ND	5.0	20	10	'n	"	"	u	
1,2-Dibromo-3-chloropropane	ND	10	.11	.000	n	30.2		311%	
1,2-Dibromoethane (EDB)	ND	5.0	ñ		n		n	, ,	
Dibromomethane	ND	5.0	19	п	27	"	20		
1,2-Dichlorobenzene	ND -	5.0	я	m:	**	an :	n	3112	
1,3-Dichlorobenzene	ND	5.0	n	n	и	n	20		
1,4-Dichlorobenzene	ND	5.0	**		"	"	20	"	
Dichlorodifluoromethane (Freon 12)	ND	10	э	n			.00	3107	
1,1-Dichloroethane	ND	5.0	н	11	n	11	ä		
1,2-Dichloroethane	ND	5.0	В		и	11	9		
1,1-Dichloroethene	ND	5.0	э	11	H		n	(11)	
cis-1,2-Dichloroethene	ND	5.0	n	11	*	n	ü	n	
trans-1,2-Dichloroethene	ND	5.0	н	,,	"		ũ		
1,2-Dichloropropane	ND	5.0	и	11	11	in:	11	3007	
1,3-Dichloropropane	ND	5.0	11	n	n	n	n	n	
2,2-Dichloropropane	ND	5.0	"	19	n	H.	n		
1,1-Dichloropropene	ND	5.0	"	,,	n	n	11		
,	7.3.77	•.•							

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NT@14' - 6'A (COB0783-05) Soil	Sampled: 02/24/05 00:0	0 Rece	ived: 02/2	24/05 16:15	i				
cis-1,3-Dichloropropene	ND	5.0	μg/kg	1	CO01464	02/24/05	02/24/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	11		u	"	'n		
Ethylbenzene	1300	100	н	20	"	ii	02/25/05	u u	
1,1,2-Tricholoro-1,2,2-trifluoroethane	e (ND	5.0	н	1	H	н	02/24/05	**	
Freon 113)								9	
Hexachlorobutadiene	ND	5.0	11	"	10	11	u.	м	
2-Hexanone	ND	50	"	"	11	"	ü		
Isopropylbenzene	120	5.0		"		"	n n	Ä	
p-Isopropyltoluene	97	5.0	**	"		н		ж	
Methylene chloride	ND	5.0	11	16	11	11	if	п	
4-Methyl-2-pentanone	ND	50	п			19	n n	Ĭ.	
Methyl tert-butyl ether	ND	5.0	n	и	n	и	e e	ır	
Naphthalene	1100	250		50	n	"	02/25/05	W.	
n-Propylbenzene	260	5.0	"	1		ij	02/24/05	"	
Styrene	26	5.0	n	11		"	п	и	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	.10	19	· ·	ii .	
1,1,1,2-Tetrachloroethane	ND	5.0	п	11	•	ű	н	п	
Tetrachloroethene	11	5.0	"	"	n	"	31	*	
Toluene	630	100	"	20	n	"	02/25/05	"	
1,2,3-Trichlorobenzene	ND	5.0		1	n	и	02/24/05	4	
1,2,4-Trichlorobenzene	ND	5.0		"	n	"	11	m .	
1,1,2-Trichloroethane	ND	5.0	19		n.	11	.11	"	
1,1,1-Trichloroethane	ND	5.0	11	n		ũ	**	n	
Trichloroethene	ND	5.0	g	"	n	"	11	n	
Trichlorofluoromethane	ND	5.0	"	"	30	"	11		
1,2,3-Trichloropropane	ND	5.0	ii	,,		"	n		
1,3,5-Trimethylbenzene	2600	100	95	20		9	02/25/05	n	
1,2,4-Trimethylbenzene	4200	250	19	50	-10	H	02/25/05		
Vinyl chloride	ND	10	ii .	I		ű	02/24/05	w.	
Xylenes (total)	8200	200	"	20	"	ii.	02/25/05	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Surrogate: 1,2-Dichloroethane-d4		78.4 %	50	125	,,	,,	02/25/05	u	
Surrogate: Toluene-d8		94.0%		125	"	"	11	u	
Surrogate: 4-Bromofluorobenzene		109 %		128	"	"	"	"	

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WT@14' - 12'A (COB0783-06) Soil		00:00 Re	ceived: 02	2/24/05 16:	15				
Acetone	ND	100	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
Benzene	ND	5.0	·- •	"	9		in.		
Bromobenzene	ND	5.0	11	11	н	10	316	n	
Bromochloromethane	ND	5.0	100	"	Ü	11	"	u	
Bromodichloromethane	ND	5.0	n	"		"	u	u	
Bromoform	ND	5.0		и.	11	110	3003	316	
Bromomethane	ND	10	30%	30	ñ	"	H.		
2-Butanone	ND	100	"	"	n ,	**		II.	
n-Butylbenzene	ND	5.0	n	n	n	n	300	н	
sec-Butylbenzene	ND	5.0	000		n	30.2	n		
tert-Butylbenzene	ND	5.0	n	"			п	n	
Carbon tetrachloride	ND	5.0		"	9	11	n	n	
Chlorobenzene	ND	5.0		31		3107	н	110	
Chloroethane	ND	5.0	n	"		ii.	п	n .	
Chloroform	ND	5.0	и	н	2		п	THE STATE OF THE S	
Chloromethane	ND	10	w	***	11	30.5		11	
o-Chlorotoluene	ND	5.0		ú	Ü	u	11	n	
p-Chlorotoluene	ND	5.0	W	11	n		ii	n	
Dibromochloromethane	ND	5.0			"	me	311	п	
1,2-Dibromo-3-chloropropane	ND	10	1.00.2		n	11	11	n	
1,2-Dibromoethane (EDB)	ND	5.0	н	11	н		и	.18	
Dibromomethane	ND	5.0	и		n	11	н	31.	
1,2-Dichlorobenzene	ND	5.0	ent:	30	n		11	n	
1,3-Dichlorobenzene	ND	5.0	n	"	"	"	n	н	
1,4-Dichlorobenzene	ND	5.0	n				and the	11	
Dichlorodifluoromethane (Freon 12)	ND	10		30.3		.903	n	n	
1,1-Dichloroethane	ND	5.0	n	•	0	11	и	и	
1,2-Dichloroethane	ND	5.0	и	H	11	н	10	II	
1,1-Dichloroethene	ND	5.0	n			310		л	
cis-1,2-Dichloroethene	ND	5.0		iii	n n	u		n	
trans-1,2-Dichloroethene	ND	5.0	H.		0	.00		и	
1,2-Dichloropropane	ND	5.0	и:	300	n .		n	iii	
1,3-Dichloropropane	ND	5.0	п	11		11	n	ii .	
2,2-Dichloropropane	ND	5.0		y .	<u>u</u>				
1,1-Dichloropropene	ND	5.0	и	11	н	n	(11)	:11	

CA DOHS ELAP Accreditation/Registration Number 1233

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WT@14' - 12'A (COB0783-06) Soil	Sampled: 02/24/0	5 00:00 Red	ceived:	02/24/05 16:	15				
cis-1,3-Dichloropropene	ND	5.0	μg/kg	. 1	CO01494	02/25/05	02/25/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	"	· u		."		"	
Ethylbenzene	ND	5.0	п	n	in:	14	10	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane ((ND	5.0	11		н	n	"	и	
Freon 113)									
Hexachlorobutadiene	ND	5.0		"	"	n	"		
2-Hexanone	ND	50	u	"	"	!!	ø		
Isopropylbenzene	ND	5.0	"	in.	H 3	"		"	
p-Isopropyltoluene	ND	5.0		n	n	ï	Œ		
Methylene chloride	ND	5.0	19	н	"	n.	ü	**	
4-Methyl-2-pentanone	ND	50 .	11		н	31	11.	15	
Methyl tert-butyl ether	ND	5.0		"	n	U	п	11	
Naphthalene	ND	5.0	n		"	11	"		
n-Propylbenzene	ND	5.0		9	"	11	"	n	
Styrene	ND	5.0	211	**		11		"	
1,1,2,2-Tetrachloroethane	ND	5.0	u	ii	11	"	"	11	
1,1,1,2-Tetrachloroethane	ND	5.0		u u	n	n	"	10	
Tetrachloroethene	ND	5.0	en:	"	305	.00	ü		
Toluene	ND	5.0	"	n n			"	"	
1,2,3-Trichlorobenzene	ND	5.0	"		n	"	"	100%	
1,2,4-Trichlorobenzene	ND	5.0	**		\(\text{i}\)	96	"		
1,1,2-Trichloroethane	ND	5.0	n		11	**	31	11	
1,1,1-Trichloroethane	ND	5.0	Ü		n	11	31	H.	
Trichloroethene	ND	5.0	11		111	11	n	11	
Trichlorofluoromethane	ND	5.0	n.			11	n	я	
1,2,3-Trichloropropane	ND	5.0		11	"	11	n	н	
1,3,5-Trimethylbenzene	ND	5.0		и	**	110	n	n .	
1,2,4-Trimethylbenzene	ND	5.0	"	"	n	10	n	n .	
Vinyl chloride	ND	10	ü	11	Ü	11	31	n	
Xylenes (total)	ND	10	"	"	ıı		11	и	
Surrogate: 1,2-Dichloroethane-d4		79.6 %	34	50-125	"	""		,,	
		95.6%	(9)	52-125	,,	,,	"	"	
Surrogate: Toluene-d8		86.6%		50-128	,,	"	"	"	
Surrogate: 4-Bromofluorobenzene		00.0 %		10-120					

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WT@18' - 12'A (COB0783-07) Soil	Sampled: 02/24/05 0	0:00 Rec	eived: 02	/24/05 16:	15				
Acetone	ND	100	μg/kg	I	CO01464	02/24/05	02/25/05	EPA 8260B	
Benzene	ND	5.0		п	"		ONE:	ion.	•
Bromobenzene	ND	5.0	эе		30.			"	
Bromochloromethane	ND	5.0		n	"	"	"	11	
Bromodichloromethane	ND	5.0	n		п	п	н	li fi	
Bromoform	ND	5.0	316	230	п	ж	n.	n	
Bromomethane	ND	10		'n	"				
2-Butanone	ND	100						10	
n-Butylbenzene	ND	5.0	316	200	312	ЭН	an .		
sec-Butylbenzene	. ND	5.0	10	"	н	11		n	
tert-Butylbenzene	ND	5.0	10	n	n				
Carbon tetrachloride	ND	5.0	и		3 m 3	in.	SH)	×11	
Chlorobenzene	ND	5.0	3.00		m.	"	п		
Chloroethane	ND	5.0		•	"	"	и	**	
Chloroform	ND	5.0	н	n	11	701	Э1	%11 :	
Chloromethane	ND	10	н	(10)	H		и	n	
o-Chlorotoluene	ND	5.0	п	'n	n	iii		11	
p-Chlorotoluene	ND	5.0		n	п		11	: Hr	
Dibromochloromethane	ND	5.0	: 11	7.00	en.	(0)	.H.	11	
1,2-Dibromo-3-chloropropane	ND	10	и	и	"		и	11	
1,2-Dibromoethane (EDB)	ND	5.0			11	100		≥m.	
Dibromomethane	ND	5.0	300	3.H	H	386	-10	.0	
1,2-Dichlorobenzene	ND	5.0	.11	n	11	Ü	n	н	
1,3-Dichlorobenzene	ND	5.0	н	n			u	in .	
1,4-Dichlorobenzene	ND	5.0	200	: W	(m)	800	in.		
Dichlorodifluoromethane (Freon 12)	ND	10		n			n	10	
1,1-Dichloroethane	ND	5.0	"				п	и	
1,2-Dichloroethane	ND	5.0	ar.	п	H	36	n	· u	
1,1-Dichloroethene	ND	5.0	n	ú	п	u	n	0.	
cis-1,2-Dichloroethene	ND	5.0	п	n		71	11	n	
trans-1,2-Dichloroethene	ND	5.0		111	п	0	п		
1,2-Dichloropropane	ND	5.0	n	"	•	11	n.	n	
1,3-Dichloropropane	ND	5.0	n	**				n	
2,2-Dichloropropane	ND	5.0	n	11			п	п	
1,1-Dichloropropene	ND	5.0	n			, i	н	ü	

CA DOHS ELAP Accreditation/Registration Number 1233

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WT@18' - 12'A (COB0783-07) Soil	Sampled: 02/24/0	5 00:00 Re	ceived: 02	2/24/05 16:	15				
cis-1,3-Dichloropropene	ND	5.0	μg/kg	. 1	CO01464	02/24/05	02/25/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0			. "	,,		"	
Ethylbenzene	ND	5.0	11			"	TH.	н	
1,1,2-Tricholoro-1,2,2-trifluoroethane	(ND	5.0	п	111	311	n	II .	и	
Freon 113)									
Hexachlorobutadiene	ND	5.0		ii ii	"	"	ıı.	"	
2-Hexanone	ND	50	"	u	"				
Isopropylbenzene	ND	5.0		0	111	"			
p-Isopropyltoluene	ND	5.0	in.	:11		n			
Methylene chloride	ND	5.0	"	11	n n	n	ū	"	
4-Methyl-2-pentanone	ND	50	н	11	11	"	**	n	
Methyl tert-butyl ether	ND	5.0	n.	SIL	111	"	ii	n	
Naphthalene	ND	5.0		•	**	"	u	n	
n-Propylbenzene	ND	5.0	н	"		"	. п	n	
Styrene	ND	5.0		8.00	300		ü	n	
1,1,2,2-Tetrachloroethane	ND	5.0	Ħ	11		'n	u		
1,1,1,2-Tetrachloroethane	ND	5.0		n	11	'n		**	
Tetrachloroethene	ND	5.0	н	THE STATE OF THE S	я	n	o o	n	
Toluene	ND	5.0	n	"	10	,,	ü	"	
1,2,3-Trichlorobenzene	ND	5.0	n	"		10	n	"	
1,2,4-Trichlorobenzene	ND	5.0	in.	н	и	"	er.	n	
1,1,2-Trichloroethane	ND	5.0	11	"	11	n	ü	*	
1,1,1-Trichloroethane	ND	5.0	n	и	**	n	n	7	
Trichloroethene	ND	5.0	"	**	n	11	"	п	
Trichlorofluoromethane	ND	5.0	i.n.		**	n	ü	"	
1,2,3-Trichloropropane	ND	5.0		"		"	"	n.	
1,3,5-Trimethylbenzene	ND	5.0	"	н	11	n	"	"	
1,2,4-Trimethylbenzene	ND	5.0	210	Ħ	.0	H	"	ii .	
Vinyl chloride	ND	10		11	"	n	11	ir	
Xylenes (total)	ND	10	11	11	"	n	11	n .	
Surrogate: 1,2-Dichloroethane-d4		102 %	50	125	"	n	"	n	
Surrogate: Toluene-d8		102 %		125	n	"	"	,,	
	re-	100 %		128	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	30-	120	123	6777	52541		

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

	Reporting			Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CO01480 - Solvent Extract										
Blank (CO01480-BLK1)				Prepared	& Analyz	ed: 02/24/	05			
Hexane Extractable Material (HEM)	ND	50	mg/kg							
LCS (CO01480-BS1)				Prepared	& Analyz	ed: 02/24/	05			
Hexane Extractable Material (HEM)	1040	50	mg/kg	1000		104	80-120			
LCS Dup (CO01480-BSD1)				Prepared	& Analyz	ed: 02/24/	05			
Hexane Extractable Material (HEM)	1020	50	mg/kg	1000	X	102	80-120	1.94	20	
Matrix Spike (CO01480-MS1)	. Sou	irce: COB07	783-07	Prepared	& Analyz	ed: 02/24/	05			
Hexane Extractable Material (HEM)	1010	50	mg/kg	1000	ND	· 101	75-125			
Matrix Spike Dup (CO01480-MSD1)	Sou	irce: COB0	783-07	Prepared	& Analyz	ed: 02/24/	05			
Hexane Extractable Material (HEM)	992	. 50	mg/kg	1000	ND	99.2	75-125	1.80	25	

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01460 - LUFT-DHS GCNV										
Blank (CO01460-BLK1)				Prepared	& Analyze	ed: 02/24/0	05			
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	'n							
LCS (CO01460-BS1)				Prepared	& Analyze	ed: 02/24/0	05			
Diesel	40.9	1.0	mg/kg	50.0		81.8	65-135			
LCS Dup (CO01460-BSD1)				Prepared	& Analyze	ed: 02/24/0	05			
Diesel	42.2	1.0	mg/kg	50.0		84.4	65-135	3.13	30	
Matrix Spike (CO01460-MS1)	So	urce: COB07	37-04	Prepared	& Analyze	ed: 02/24/0	05			
Diesel	39.3	1.0	mg/kg	50.0	ND	78.6	59-138		31.100.10	
Matrix Spike Dup (CO01460-MSD1)	So	urce: COB07	37-04	Prepared	& Analyze	ed: 02/24/	05			
Diesel	42.1	1.0	mg/kg	50.0	ND	84.2	59-138	6.88	37	

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

TPH-Gasoline by GC FID - Quality Control

	-	Reporting	**	Spike	Source	WDEG	%REC	nnn	RPD	Mater
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CO01505 - EPA 5030 Soil GC										
Blank (CO01505-BLK1)				Prepared	& Analyz	ed: 02/25/	05			
Gasoline	ND	1.0	mg/kg							
Surrogate: o-Chlorotoluene (Gas)	0.0952		11	0.100		95.2	65-135			
LCS (CO01505-BS1)				Prepared	& Analyz	ed: 02/25/	05			
Gasoline	2.56	1.0	mg/kg	2.50		102	65-135			
Surrogate: o-Chlorotoluene (Gas)	0.103		11	0.100	5	103	65-135			
LCS Dup (CO01505-BSD1)				Prepared	& Analyz	ed: 02/25/	05			
Gasoline	2.61	1.0	mg/kg	2.50		104	65-135	1.93	30	
Surrogate: o-Chlorotoluene (Gas)	0.105		"	0.100		105	65-135			
Matrix Spike (CO01505-MS1)	Source: COB0783-01			Prepared & Analyzed: 02/25/05						
Gasoline	2.72	1.0	mg/kg	2.50	ND	109	63-124			
Surrogate: o-Chlorotoluene (Gas)	0.106		"	0.100		106	65-135			
Matrix Spike Dup (CO01505-MSD1)	Source: COB0783-01			Prepared & Analyzed: 02/25/05						
Gasoline	3.08	1.0	mg/kg	2.50	ND	123	63-124	12.4	35	
Surrogate: o-Chlorotoluene (Gas)	0.111		"	0.100		111	65-135			

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01464 - EPA 5030 Soil MS										
Blank (CO01464-BLK1)			20	Prepared	& Analyzo	ed: 02/24/	05			
Acetone	ND	100	μg/kg							
Benzene	ND	5.0								
Bromobenzene	ND	5.0								
Bromochloromethane	ND	5.0	n							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0			3					
Bromomethane	ND	10	ii .							
2-Butanone	ND	100	ñ							
n-Butylbenzene	ND	5.0	ä							
sec-Butylbenzene	ND	5.0	W							
tert-Butylbenzene	ND	5.0	×.							
Carbon tetrachloride	ND	5.0	×							
Chlorobenzene	ND	5.0	*							
Chloroethane	ND	5.0	2							
Chloroform	ND	5.0	*							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0								
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	n							
1,2-Dibromo-3-chloropropane	ND	10								
1,2-Dibromoethane (EDB)	ND	5.0	11							
Dibromomethane	ND	5.0	п							
1,2-Dichlorobenzene	ND	5.0	n							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0								
Dichlorodifluoromethane (Freon 12)	ND	10	Ħ							
1,1-Dichloroethane	ND	5.0	n							
1,2-Dichloroethane	ND	5.0	n							
1,1-Dichloroethene	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
trans-1,2-Dichloroethene	ND	5.0	н							

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01464 - EPA 5030 Soil MS	3									
Blank (CO01464-BLK1)			*	Prepared	& Analyzo	ed: 02/24/0	05			
1,2-Dichloropropane	ND	5.0	μg/kg							
1,3-Dichloropropane	ND	5.0								
2,2-Dichloropropane	ND	5.0	n							
1,1-Dichloropropene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0	n							
trans-1,3-Dichloropropene	ND	5.0			3					
Ethylbenzene	ND	5.0	10							
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	- ND	5.0	ж							
Hexachlorobutadiene	ND	5.0	'n							
2-Hexanone	ND	50	n							
Isopropylbenzene	ND	5.0	11							
p-Isopropyltoluene	ND	5.0	н							
Methylene chloride	ND	5.0	n.							
4-Methyl-2-pentanone	ND	50	70							
Methyl tert-butyl ether	ND	5.0	11							
Naphthalene	ND	5.0	30%							
n-Propylbenzene	ND	5.0	30.2							
Styrene	ND	5.0	u							
1,1,2,2-Tetrachloroethane	ND	5.0	**							
1,1,1,2-Tetrachloroethane	ND	5.0	**							
Tetrachloroethene	ND	5.0								
Toluene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0	п							
1,1,2-Trichloroethane	ND	5.0								
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	и							
Trichlorofluoromethane	ND	5.0	н							
1,2,3-Trichloropropane	ND	5.0	30							
1,3,5-Trimethylbenzene	ND	5,0								

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

COC #: 57875

Project Manager: Mike Gereghty

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01464 - EPA 5030 Soil MS										
Blank (CO01464-BLK1)				· Prepared	& Analyze	ed: 02/24/0	05			
1,2,4-Trimethylbenzene	ND	5.0	μg/kg							
Vinyl chloride	ND	10	11							
Xylenes (total)	ND	10	n							
Surrogate: 1,2-Dichloroethane-d4	55.8		"	50.0		112	50-125			
Surrogate: Toluene-d8	49.6		"	50.0		99.2	62-125			
Surrogate: 4-Bromofluorobenzene	51.5		u	50.0	5	103	50-128			
LCS (CO01464-BS1)				Prepared	& Analyz	ed: 02/24/	05			
Benzene	51.6	5.0	μg/kg	50.0		103	64-135	1.200	-	
Chlorobenzene	52.1	5.0	"	50.0		104	67-133			
1,1-Dichloroethene	57.0	5.0	u	50.0		114	53-137			
Toluene	55.7	5.0	н	50.0		111	61-138			
Trichloroethene	62.3	5.0	"	50.0		125	64-130			
Surrogate: 1,2-Dichloroethane-d4	59.8		n	50.0	-	120	50-125			
Surrogate: Toluene-d8	50.6		H.	50.0		101	62-125			
Surrogate: 4-Bromofluorobenzene	50.2		"	50.0		100	50-128			
LCS Dup (CO01464-BSD1)				Prepared	& Analyz	ed: 02/24/	05			
Benzene	51.4	5.0	μg/kg	50.0		103	64-135	0.388	30	
Chlorobenzene	50.2	5.0		50.0		100	67-133	3.71	30	
1,1-Dichloroethene	58.4	5.0	'n	50.0		117	53-137	2.43	30	
Toluene	57.0	5.0	н	50.0		114	61-138	2.31	30	
Trichloroethene	62.8	5.0	"	50.0		126	64-130	0.799	30	
Surrogate: 1,2-Dichloroethane-d4	60.5		"	50.0		121	50-125			
Surrogate: Toluene-d8	51.5		"	50.0		103	62-125			
Surrogate: 4-Bromofluorobenzene	49.5		"	50.0		99.0	50-128			
Matrix Spike (CO01464-MS1)	So	urce: COB07	15-05	Prepared	& Analyz	ed: 02/24/	05			
Benzene	50.4	5.0	μg/kg	50.0	ND	101	58-139			
Chlorobenzene	46.7	5.0	"	50.0	ND	93.4	62-134			
1,1-Dichloroethene	79.5	5.0	"	50.0	ND	159	53-152			QM-

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Australia	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Onics	Level	Result	70ICEC	Limits	Tub		
Batch CO01464 - EPA 5030 Soil MS										
Matrix Spike (CO01464-MS1)	Sou	rce: COB07	15-05	Prepared	& Analyze	ed: 02/24/0)5			
Toluene	53.2	5.0	μg/kg	50.0	ND	106	58-139			
Trichloroethene	59.5	5.0	11	50.0	ND	119	55-138		1111	
Surrogate: 1,2-Dichloroethane-d4	63.8		"	50.0		128	50-125			S-G
Surrogate: Toluene-d8	50.2		"	50.0		100	62-125			
Surrogate: 4-Bromofluorobenzene	50.0		"	50.0		100	50-128			
Matrix Spike Dup (CO01464-MSD1)	Sou	rce: COB07	15-05	Prepared	& Analyz	ed: 02/24/	05			Sec.
Benzene	50.0	5.0	μg/kg	50.0	ND	100	58-139	0.797	30	
Chlorobenzene	43.8	5.0	"	50.0	ND	87.6	62-134	6.41	30	
1,1-Dichloroethene	75.3	5.0	"	50.0	ND	151	53-152	5.43	30	
Toluene	51.4	5.0	n	50.0	ND	103	58-139	3.44	30	
Trichloroethene	56.7	5.0	n	50.0	ND	113	55-138	4.82	30	51
Surrogate: 1,2-Dichloroethane-d4	61.8		"	50.0		124	50-125			
Surrogate: Toluene-d8	50.8		"	50.0		102	62-125			
Surrogate: 4-Bromofluorobenzene	50.2		"	50.0		100	50-128			
Ratch CO01494 - FPA 5030 Soil MS								V		
Batch CO01494 - EPA 5030 Soil MS				Prenared	& Analyz	ed: 02/25/	05			
Blank (CO01494-BLK1)	ND	100	ug/kg	Prepared	& Analyz	ed: 02/25/	05			
Blank (CO01494-BLK1) Acetone	ND ND	100	μg/kg "	Prepared	& Analyz	ed: 02/25/	05			51
Blank (CO01494-BLK1) Acetone Benzene	ND	5.0		Prepared	& Analyz	ed: 02/25/	05			24
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene			"	Prepared	& Analyz	ed: 02/25/	05			51
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane	ND ND	5.0 5.0	!! !!	Prepared	& Analyz	ed: 02/25/	05			50
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane	ND ND ND	5.0 5.0 5.0	" "	Prepared	& Analyz	ed: 02/25/	05			
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane	ND ND ND ND	5.0 5.0 5.0 5.0	" "	Prepared	& Analyz	ed: 02/25/	05			27
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform	ND ND ND ND	5.0 5.0 5.0 5.0	" " "	Prepared	& Analyz	ed: 02/25/	05			57
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane	ND ND ND ND ND	5.0 5.0 5.0 5.0 5.0	11 11 11	Prepared	& Analyz	ed: 02/25/	05			v
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone	ND ND ND ND ND ND ND	5.0 5.0 5.0 5.0 5.0 10	9 11 11 11	Prepared	& Analyz	ed: 02/25/	05			Я
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone n-Butylbenzene sec-Butylbenzene	ND	5.0 5.0 5.0 5.0 5.0 10 100 5.0	" " " " " " "	Prepared	& Analyz	ed: 02/25/	05			2
Blank (CO01494-BLK1) Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone n-Butylbenzene	ND	5.0 5.0 5.0 5.0 5.0 10 100 5.0 5.0	0 0 0 0 0	Prepared	& Analyz	ed: 02/25/	05			22

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS										
Blank (CO01494-BLK1)				Prepared	& Analyze	ed: 02/25/0)5			
Chloroethane	ND	5.0	μg/kg							
Chloroform	ND	5.0	II							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0	ű.							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	ü		1					
1,2-Dibromo-3-chloropropane	ND	10	2							
1,2-Dibromoethane (EDB)	ND	5.0	m .							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	11							
1,3-Dichlorobenzene	ND	. 5.0	et							
1,4-Dichlorobenzene	ND	5.0	u							
Dichlorodifluoromethane (Freon 12)	ND	10	ü							
1,1-Dichloroethane	ND	5.0	ä	=						
1,2-Dichloroethane	ND	5.0	11							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	Ü							
trans-1,2-Dichloroethene	ND	5.0	n.							
1,2-Dichloropropane	ND	5.0	11							
1,3-Dichloropropane	ND	5.0	11							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	H							
trans-1,3-Dichloropropene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	п							
Hexachlorobutadiene	ND	5.0	ü							
2-Hexanone	ND	50	ü							
Isopropylbenzene	ND	5.0	**							
p-Isopropyltoluene	ND	5.0	"							

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Project: 15th & L Investors

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P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS										
Blank (CO01494-BLK1)				Prepared	& Analyzo	ed: 02/25/0)5			
Methylene chloride	ND	5.0	μg/kg							
4-Methyl-2-pentanone	ND	50	n							
Methyl tert-butyl ether	ND	5.0	u							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	n							
Styrene	ND	5.0	n							
1,1,2,2-Tetrachloroethane	ND	5.0	n							
1,1,1,2-Tetrachloroethane	- ND	5.0	n							
Tetrachloroethene	ND	5.0	n							
Toluene	ND	5.0	11							
1,2,3-Trichlorobenzene	ND	. 5.0	11							
1,2,4-Trichlorobenzene	ND	5.0	11							
1,1,2-Trichloroethane	ND	5.0	10.0							
1,1,1-Trichloroethane	ND	, 5.0	"							
Trichloroethene	ND	5.0	,							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	u							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	n							
Vinyl chloride	ND	10	п							
Xylenes (total)	ND	10	n							
Surrogate: 1,2-Dichloroethane-d4	50.1		"	50.0		100	50-125			
Surrogate: Toluene-d8	47.8		n	50.0		95.6	62-125			
Surrogate: 4-Bromofluorobenzene	48.6		an .	50.0		97.2	50-128			
LCS (CO01494-BS1)				Prepared	& Analyz	ed: 02/25/	05			
Benzene	55.0	5.0	μg/kg	50,0		110	64-135			
Chlorobenzene	52.1	5.0	.11	50.0		104	67-133			
1,1-Dichloroethene	59.9	5.0	(H)	50.0		120	53-137			
Toluene	53.8	5.0	216	50.0		108	61-138			
Trichloroethene	50.5	5.0	п	50.0		101	64-130			

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Project: 15th & L Investors

CLS Work Order #: COB0783

W. Sacramento, Ca 95691

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) Project Manager: Mike Gereghty

COC #: 57875

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS										
LCS (CO01494-BS1)				Prepared	& Analyze	ed: 02/25/	05			
	51.8		μg/kg	50.0		104	50-125			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8			μg/kg "							
Surrogate: 10tuene-ao Surrogate: 4-Bromofluorobenzene	49.9		"	50.0		99.8	50-128			
LCS Dup (CO01494-BSD1)				Prepared	& Analyze	ed: 02/25/	05			
Benzene	51.6	5.0	ug/kg		CO 1 111111) 121	103	64-135	6.38	30	
Chlorobenzene			" "		r	96.0	67-133	8.19	30	
1,1-Dichloroethene			и				53-137	2.54	30	
Toluene			п			101	61-138	6.33	30	
Trichloroethene	46.7	5.0		50.0		93.4	64-130	7.82	30	
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	50-125			
Surrogate: Toluene-d8	49.3		ï	50.0		98.6	62-125			
Surrogate: 4-Bromofluorobenzene	49.4		"	50.0		98.8	50-128			
Matrix Spike (CO01494-MS1)	Prepared & Analyzed: 02/25/05									
Benzene	46.9	5.0	μg/kg	50.0	ND	93.8	58-139			
Chlorobenzene	44.4	5.0	n	50.0	ND	88.8	62-134			
1,1-Dichloroethene	60.0	5.0	ij	50.0	ND	120	53-152			
Toluene	46.2	5.0	<u>g</u>	50.0	ND	92.4	58-139			
Trichloroethene	42.1	5.0	2	50.0	ND	84.2	55-138			
Surrogate: 1,2-Dichloroethane-d4	54.4		"	50.0		109	50-125			
Surrogate: Toluene-d8	48.5		"	50.0		97.0	62-125			
Surrogate: 4-Bromofluorobenzene	48.3		"	50.0		96.6	50-128			
Matrix Spike Dup (CO01494-MSD1)	So	urce: COB0'	796-01	Prepared	& Analyz	ed: 02/25/	05			
Benzene	52.9	5.0	μg/kg	50.0	ND	106	58-139	12.0	30	
Chlorobenzene	50.6	5.0	"	50.0	ND	101	62-134	13.1	30	
1,1-Dichloroethene	61.7	5.0	"	50.0	ND	123	53-152	2.79	30	
Toluene	51.6	5.0	n	50.0	ND	103	58-139	11.0	30	
Trichloroethene	49.1	5.0	n	50.0	ND	98.2	55-138	15.4	30	
Surrogate: 1,2-Dichloroethane-d4	51.3		"	50.0		103	50-125			

49.4

49.6

02/28/05 09:33

RPD

Ramcon

Surrogate: Toluene-d8

Surrogate: 4-Bromofluorobenzene

Project:

15th & L Investors

Source

CLS Work Order #: COB0783

COC #: 57875

98.8

99.2

%REC

62-125

50-128

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Reporting

Project Manager: Mike Gereghty

Spike

50.0

50.0

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CO01494 - EPA 5030 Soil MS										
Matrix Spike Dup (CO01494-MSD1)	Sour	ce: COB07	96-01	Prepared	& Analyze	ed: 02/25/0)5			

μg/kg

02/28/05 09:33

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Project: 15th & L Investors

CLS Work Order #: COB0783

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 57875

Notes and Definitions

	Trotes and Definitions
S-HI	Surrogate recovery was greater than the upper control limit. A reanalysis was not performed since the analytes associated with the surrogate were not detected.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/ LCSD recovery.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
D-12	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 28, 2005

CLS Work Order #: COB0796 COC #: 53909

Mike Gereghty
Ramcon
P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95691
W. Sacramento, Ca 95691

Project Name: 15th & L Investors

Enclosed are the results of analyses for samples received by the laboratory on 02/25/05 09:15. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D. Laboratory Director

OLS - Labs	ڻ د	CHAIN OF CUSTODY		CLS ID No., Ceracida		LOG NO. 53909
THANK AND KOMPERS		1 5 7 1 - 2 (20) DESTINATION L/BORATORY Cols (446) 838-7301	\$ 000 m	COVESTED	GEOTRACKER: EDF REPORT GLOBAL ID:	ER: T DYES XX NO
PROJECTION CONTRACTOR OF THE PROJECTION OF THE P	272 70 35	SASA FIZABLALD RD RANGHU CORDOVA, CA. 85742	タ/ ¹² の人 ² RESERV	t /m	COMPOSITE:	
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						80.3 26789
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02/28/05 13:46

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Project: 15th & L Investors

CLS Work Order #: COB0796

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 53909

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil Sa	mpled: 02/24/05 00:00	Receive	d: 02/25/	05 09:15	3				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01510	02/25/05	02/25/05	EPA 1664	
NHA @ 17 1/2' (COB0796-02) Soil	Sampled: 02/24/05 0	0:00 Rec	eived: 02	/25/05 09:	15				
Hexane Extractable Material (HEM)	ND	50	mg/kg	1	CO01510	02/25/05	02/25/05	EPA 1664	

CA DOHS ELAP Accreditation/Registration Number 1233

Fax: 916-638-4510

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W. Sacramento, Ca 95691

Project:

15th & L Investors

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO)

Project Manager: Mike Gereghty

CLS Work Order #: COB0796

COC#: 53909

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil	Sampled: 02/24/05 00:00	Receive	d: 02/25/	05 09:15					
Diesel	ND	1.0	mg/kg	1	CO01491	02/25/05	02/25/05	EPA 8015M	
NHA @ 17 1/2' (COB0796-02) Se	oil Sampled: 02/24/05 0	0:00 Rec	eived: 02	/25/05 09:	15				*****
Diesel	ND	1.0	mg/kg	1	CO01491	02/25/05	02/25/05	EPA 8015M	

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Project: 15th & L Investors

CLS Work Order #: COB0796

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 53909

TPH-Gasoline by GC FID

Analyte	R Result	teporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil	Sampled: 02/24/05 00:00	Receive	d: 02/25/05	09:15					
Gasoline	ND	1.0	mg/kg	1	CO01524	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		109 %	65-13	5	n	"	ü	u	
NHA @ 17 1/2' (COB0796-02) So	il Sampled: 02/24/05 00	:00 Rec	eived: 02/25	3/05 09:	15				
Gasoline	ND	1.0	mg/kg	1	CO01524	02/25/05	02/25/05	EPA 8015M	
Surrogate: o-Chlorotoluene (Gas)		107%	65-13	5	и .	"	,,	11	

02/28/05 13:46

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Project: 15th & L Investors

CLS Work Order #: COB0796

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 53909

Volatile Organic Compounds by EPA Method 8260B

Analyte	R Result	eporting. Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil	Sampled: 02/24/05 00:00	Receive	d: 02/25/	05 09:15					
Acetone	ND	100	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
Benzene	ND	5.0	"	n	"	n	н		
Bromobenzene	ND	5.0	"	n	316	7.00	11		
Bromochloromethane	ND	5.0	10	.96	u	п	"		
Bromodichloromethane	ND	5.0	"	- 11		н	u	n	
Bromoform	ND	5.0		n	ans	"	п		
Bromomethane	ND	10	***	11	"			"	
2-Butanone	ND	100	11	ii.	" 1		11	"	
n-Butylbenzene	ND	5.0	u	•	u	n	3.00	u.	
sec-Butylbenzene	ND	5.0	n	"	200	11	n	n	
tert-Butylbenzene	ND	5.0	11	11		"	· ·	n s	
Carbon tetrachloride	ND	5.0	0	25	n	n	.00.	n	
Chlorobenzene	ND	5.0	n	"	en.	"	ii.	u	
Chloroethane	ND	5.0	11	"	11	n	u.	n	
Chloroform	ND	5.0	ij.	"	ii.	"	0.	н	
Chloromethane	ND	10	9	31	n	п	u	п	
o-Chlorotoluene	ND	5.0	"	"	n	ij	н	"	
p-Chlorotoluene	ND	5.0	"	ñ	ű		11		
Dibromochloromethane	ND	5.0	"	29	"		ü	"	
1,2-Dibromo-3-chloropropane	ND	10	**	н	,	n			
1,2-Dibromoethane (EDB)	ND	5.0	n	0	"	н	n .	и	
Dibromomethane	ND	5.0	n	п	2	311.5	11	11	
1,2-Dichlorobenzene	ND	5.0	n	100	"	n	"		
1,3-Dichlorobenzene	ND	5.0	31	n		n		11	
1.4-Dichlorobenzene	ND	5.0			"	311.0	"	"	
Dichlorodifluoromethane (Freon 1	2) ND	10	и	90%		n	"		
1,1-Dichloroethane	ND	5.0	11	11	n		n	100	
1,2-Dichloroethane	ND	5.0		11	н	11		и	
1,1-Dichloroethene	ND	5.0	-11	(0)	30.7		n	,	
cis-1,2-Dichloroethene	ND	5.0	.11	n		"	n	OH:	
trans-1,2-Dichloroethene	ND	5.0			10	100	3 H 5		
1,2-Dichloropropane	ND	5.0	**	900	30.8	"	11		
1,3-Dichloropropane	ND	5.0	(90)	n	н	n		m.	
2,2-Dichloropropane	ND	5.0	10	ŋ	и	n	н	11	
1,1-Dichloropropene	ND	5.0	11	- 10	ж	1.10	n	п	
.,. 2.amoroprop	NAMES AND ADDRESS OF THE PARTY								

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Project: 15th & L Investors

CLS Work Order #: COB0796

W. Sacramento, Ca 95691

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO)

COC #: 53909

Project Manager: Mike Gereghty

Volatile Organic Compounds by EPA Method 8260B

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil S	ampled: 02/24/05 00:00	Receive	ed: 02/25/	05 09:15					
cis-1,3-Dichloropropene	ND	5.0	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	"	9		"	11	310	
Ethylbenzene	ND	5.0		n	30	л.	11	n	
1,1,2-Tricholoro-1,2,2-trifluoroethan	e(ND	5.0		н	**		n	n	
Freon 113)									
Hexachlorobutadiene	ND	5.0	11	II .	"	n	11	н	
2-Hexanone	ND	50	"	11	TI TI	н	31	an .	
Isopropylbenzene	ND	5.0	"	310		"	n	11	
p-Isopropyltoluene	ND	5.0	10	11	ii .	H.	11	"	
Methylene chloride	ND	5.0	n	"	"		107	£14,:	
4-Methyl-2-pentanone	ND	50	н	167	u	30.0	n	"	
Methyl tert-butyl ether	ND	5.0	.00	"	"			n	
Naphthalene	ND	5.0	"	n		"	н	(11)	
n-Propylbenzene	ND ·	5.0	n	W.	"	3110	"	n	
Styrene	ND	5.0	300	.0	ii	•		n	
1,1,2,2-Tetrachloroethane	ND	5.0		n	<u>"</u>	n		"	
1,1,1,2-Tetrachloroethane	ND	5.0		н	n	н	ж		
Tetrachloroethene	ND	5.0	u	3.85%	"	n	11		
Toluene	ND	5.0	"	,,	"	*	36	n	
1,2,3-Trichlorobenzene	ND	5.0		n	"	11	n		
1,2,4-Trichlorobenzene	ND	5.0	10	.01	'n	и	n	n .	
1,1,2-Trichloroethane	ND	5.0	11	n				//mr	
1,1,1-Trichloroethane	ND	5.0		**	и	THE STATE OF THE S	эн	10	
Trichloroethene	ND	5.0	11	n		•	n	п	
Trichlorofluoromethane	ND	5.0	11	n	11	"	и	- u	
1,2,3-Trichloropropane	ND	5.0	n		"		311	(H)	
1,3,5-Trimethylbenzene	ND	5.0	n	an .	317		n	6	
1,2,4-Trimethylbenzene	ND	5.0	n.	н	11		п	п	
Vinyl chloride	ND	10	· ·	n	n	"	н	n	
Xylenes (total)	ND	10	n	716	3110	n	n	ñ	
Di-isopropyl ether	ND	5.0		ñ		Ü	"	ij	
Ethyl tert-butyl ether	ND	5.0	n		**	"	in .	tt .	
tert-Amyl methyl ether	ND	5.0		- 0	30%	,,	"	n	
Tert-butyl alcohol	ND	50	300	и	n	н	u	"	

02/28/05 13:46

Project: 15th & L Investors

CLS Work Order #: COB0796

W. Sacramento, Ca 95691

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95 Project Number: 1371-2 (CO) Project Manager: Mike Gereghty

COC #: 53909

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 14' (COB0796-01) Soil S		100,000,000,000	d: 02/25/	05 09:15	(4)	•			
Surrogate: 1,2-Dichloroethane-d4		103 %		125	CO01494	02/25/05	02/25/05	EPA 8260B	
Surrogate: Toluene-d8		98.6 %		125		"	."	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	50-	128	"	"	"	"	
NHA @ 17 1/2' (COB0796-02) Soi	l Sampled: 02/24/05 00	:00 Rec	eived: 02	/25/05 09:1	15				
Acetone	ND	100	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
Benzene	ND	5.0	"),	n	n .		
Bromobenzene	ND	5.0		10	11	30.5			
Bromochloromethane	ND	5.0	300	1912	n	"	n	"	
Bromodichloromethane	ND	5.0	or .	n	"		11	(98) 2000	
Bromoform	ND	5.0		n	11	8 H C	316	н	
Bromomethane	ND	10	100	307	"	11	11		
2-Butanone	ND	100	"	TI I	"	"	11	111	
n-Butylbenzene	ND ·	5.0		"		311	SHE	100.	
sec-Butylbenzene	ND	5.0	.11	300	2013				
tert-Butylbenzene	ND	5.0	11	"	"	н		in.	
Carbon tetrachloride	ND	5.0		**	**	н	:110	3B	
Chlorobenzene	ND	5.0	ii.	310	310	100		"	
Chloroethane	ND	5.0	.00	.01	"	n	и	"	
Chloroform	ND	5.0					310	10 1	
Chloromethane	ND	10		111	311	11.00		u u	
o-Chlorotoluene	ND	5.0	:0:	11	н			"	
p-Chlorotoluene	ND	5.0	"	11	.11	TO.	in.	011.	
Dibromochloromethane	ND	5.0		n	310	11.	**		
1,2-Dibromo-3-chloropropane	ND	10			n	n	п		
1,2-Dibromoethane (EDB)	ND	5.0	"			W.	F 111		
Dibromomethane	ND	5.0		- 10	100	"	"	"	
1,2-Dichlorobenzene	ND	5.0	an .		**	ű	10	п	
1,3-Dichlorobenzene	ND	5.0	**	W		n .	11	n	
1,4-Dichlorobenzene	ND	5.0	11	"	n	"	.11	n	
Dichlorodifluoromethane (Freon 12) ND	10	n	n n			II	n	
1,1-Dichloroethane	ND	5.0	ü	Ü	·n	Ħ	ij	п	
1,2-Dichloroethane	ND	5.0	ü	"	n	"	u	n	
1,1-Dichloroethene	ND	5.0	п	n	-11	и	u	n .	
cis-1,2-Dichloroethene	ND	5.0	15	n	n	Ü	ii.		

02/28/05 13:46

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Project: 15th & L Investors

CLS Work Order #: COB0796

COC#: 53909

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) Project Manager: Mike Gereghty W. Sacramento, Ca 95691

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 17 1/2' (COB0796-02) Soil	Sampled: 02/24/05	00:00 Rec	eived: 02	/25/05 09:1	15				
trans-1,2-Dichloroethene	ND	5.0	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
1,2-Dichloropropane	ND	5.0	"		"	. 10	n :	3.00	
1,3-Dichloropropane	ND	5.0		303	19	11.5	n	n	
2,2-Dichloropropane	ND	5.0	9	H	"	"	n		
1,1-Dichloropropene	ND	5.0		•		11	111/	(H)	
cis-1,3-Dichloropropene	ND	5.0	n	TE.	31	10.	п	31	
trans-1,3-Dichloropropene	ND	5.0		"	n	"	11		
Ethylbenzene	ND	5.0	n	11			н	110	
1,1,2-Tricholoro-1,2,2-trifluoroethane	(ND	5.0		**	n	310	10.	11	
Freon 113)									
Hexachlorobutadiene	ND	5.0		n	100		11		
2-Hexanone	ND	50	n.	"	n	"	н	и	
Isopropylbenzene	ND	5.0	n	10	H	"	н	2.00	
p-Isopropyltoluene	ND ·	5.0	n	110		6.00	n	.00	
Methylene chloride	ND	5.0	9#10	.0	n	"	n	"	
4-Methyl-2-pentanone	ND	50	"		n	11		0.00	
Methyl tert-butyl ether	ND	5.0	н	n	11	316	H.	m.	3
Naphthalene	ND	5.0	**	9.00	11	11	п		
n-Propylbenzene	ND	5.0	и	10	"	11	11	II.	
Styrene	ND	5.0	.11		11	TH .	н	ű.	
1,1,2,2-Tetrachloroethane	ND	5.0	300	3.00	11		"	ű	
1,1,1,2-Tetrachloroethane	ND	5.0	II.		"		u	"	
Tetrachloroethene	ND	5.0	"	n	n	200	×10.	"	
Toluene	ND	5.0	11	: H	:11:	11	п	n	
1,2,3-Trichlorobenzene	ND	5.0	н	"	"	"	н	ñ	
1,2,4-Trichlorobenzene	ND	5.0		п	"	ū	3 H		
1,1,2-Trichloroethane	ND	5.0	*	30. *	. 11	ű		Ü	
1,1,1-Trichloroethane	ND	5.0	н	11	"	W.	n		
Trichloroethene	ND	5.0	Ħ	н	n	<u>u</u>	11	n	
Trichlorofluoromethane	ND	5.0		п	:10:	ü	11	'n	
1,2,3-Trichloropropane	ND	5.0	(OH)	ij	н	"	19		
1,3,5-Trimethylbenzene	ND	5.0		ü	п	"	n	20	
1,2,4-Trimethylbenzene	ND	5.0	п	9	:10	"	ü		
Vinyl chloride	ND	10	ार	0	п	"	ŭ.	n	
Xylenes (total)	ND	10	11	ü	n	n	п	(11 .):	

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Project: 15th & L Investors

CLS Work Order #: COB0796

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC#: 53909

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NHA @ 17 1/2' (COB0796-02) Soil	Sampled: 02/24/05	00:00 Rec	eived: 02/2	25/05 09:	15				
Di-isopropyl ether	ND	5.0	μg/kg	1	CO01494	02/25/05	02/25/05	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	. 11	n	"	" n .	п	W.	
tert-Amyl methyl ether	ND	5.0	и		II		n	m.	
Tert-butyl alcohol	ND	50	11	"	"	н		H.	
Surrogate: 1,2-Dichloroethane-d4		107%	50-1	25	,,	""		· II	
Surrogate: Toluene-d8		99.2 %	62-1	25	"	•	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	50-1	28	" ,	"	"	"	

02/28/05 13:46

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Project: 15th & L Investors

CLS Work Order #: COB0796

P.O. Box 1026, 1450 Harbor Blvd., W. Sacramento, CA 95Project Number: 1371-2 (CO) W. Sacramento, Ca 95691

Project Manager: Mike Gereghty

COC #: 53909

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CO01510 - Solvent Extract										
Blank (CO01510-BLK1)				Prepared	& Analyz	ed: 02/25/	05			
Hexane Extractable Material (HEM)	ND	50	mg/kg							
LCS (CO01510-BS1)				Prepared	& Analyz	ed: 02/25/	05			
Hexane Extractable Material (HEM)	1020	50	mg/kg	1000		102	80-120			
LCS Dup (CO01510-BSD1)				Prepared	& Analyz	ed: 02/25/	05			
Hexane Extractable Material (HEM)	1020	50	mg/kg	1000	-	102	80-120	0.00	20	
Matrix Spike (CO01510-MS1)	Sou	rce: COB07	96-01	Prepared	& Analyz	ed: 02/25/	05			
Hexane Extractable Material (HEM)	1050	50	mg/kg	1000	ND	105	75-125			
Matrix Spike Dup (CO01510-MSD1)	Sou	rce: COB07	96-01	Prepared	& Analyz	ed: 02/25/	05			
Hexane Extractable Material (HEM)	1020	50	mg/kg	1000	ND	102	75-125	2.90	25	

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Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01491 - LUFT-DHS GCNV										
Blank (CO01491-BLK1)				Prepared	& Analyz	ed: 02/25/	05			
Diesel	ND	1.0	mg/kg							
LCS (CO01491-BS1)				Prepared	& Analyz	ed: 02/25/	05			
Diesel	44.3	1.0	mg/kg	50.0		88.6	65-135			
LCS Dup (CO01491-BSD1)				Prepared	& Analyz	ed: 02/25/	05			
Diesel	41.1	1.0	mg/kg	50.0	¥	82.2	65-135	7.49	30	
Matrix Spike (CO01491-MS1)	So	urce: COB07	85-11	Prepared	& Analyz	ed: 02/25/	05			
Diesel	41.7	1.0	mg/kg	50.0	ND	83.4	59-138			
Matrix Spike Dup (CO01491-MSD1)	So	urce: COB07	785-11	Prepared	& Analyz	ed: 02/25/	05			
Diesel	42.9	1.0	mg/kg	50.0	ND	85.8	59-138	2.84	37	

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TPH-Gasoline by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01524 - EPA 5030 Soil GC										
Blank (CO01524-BLK1)				Prepared:	02/25/05	Analyzed	l: 02/28/05			
Gasoline	ND	1.0	mg/kg							
Surrogate: o-Chlorotoluene (Gas)	0.106		"	0.100		106	65-135			
LCS (CO01524-BS1)				Prepared:	02/25/05	Analyzed	1: 02/28/05			
Gasoline	2.85	1.0	mg/kg	2.50		114	65-135			
Surrogate: o-Chlorotoluene (Gas)	0.105	110112	"	0.100	7	105	65-135			
LCS Dup (CO01524-BSD1)				Prepared:	02/25/05	Analyzed	1: 02/28/05			
Gasoline	2.85	1.0	mg/kg	2.50		114	65-135	0.00	30	
Surrogate: o-Chlorotoluene (Gas)	0.103		"	0.100		103	65-135			
Matrix Spike (CO01524-MS1)	So	urce: COB07	785-18	Prepared:	: 02/25/05	Analyzed	l: 02/28/05			
Gasoline	3.04	1.0	mg/kg	2.50	ND	122	63-124			
Surrogate: o-Chlorotoluene (Gas)	0.106		"	0.100		106	65-135			
Matrix Spike Dup (CO01524-MSD1)	So	urce: COB07	785-18	Prepared	: 02/25/05	Analyzed	l: 02/28/05			
Gasoline	2.99	1.0	mg/kg	2.50	ND	120	63-124	1.66	35	
Surrogate: o-Chlorotoluene (Gas)	0.105		"	0.100		105	65-135			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS										

Blank (CO01494-BLK1)				Prepared & Analyzed: 02/25/05	
Acetone	ND	100	μg/kg		
Benzene	ND	5.0	п		
Bromobenzene	ND	5.0	11		
Bromochloromethane	ND	5.0	"		
Bromodichloromethane	ND	5.0	"		
Bromoform	ND	5.0	11	T.	
Bromomethane	ND	10	н		
2-Butanone	. ND	100	ж:		
n-Butylbenzene	ND	5.0	90.0		
sec-Butylbenzene	ND	5.0	н		
tert-Butylbenzene	ND .	5.0	н		
Carbon tetrachloride	ND	5.0	11		
Chlorobenzene	ND	5.0	II .		
Chloroethane	ND	5.0	н		
Chloroform	ND	5.0	11		
Chloromethane	ND	10	и		
o-Chlorotoluene	ND	5.0	и		
p-Chlorotoluene	ND	5.0	"		
Dibromochloromethane	ND	5.0	н		
1,2-Dibromo-3-chloropropane	ND	10	TI .		
1,2-Dibromoethane (EDB)	ND	5.0	11		
Dibromomethane	ND	5.0	3113		
1,2-Dichlorobenzene	ND	5.0	39		
1,3-Dichlorobenzene	ND	5.0	"		
1,4-Dichlorobenzene	ND	5.0	"		
Dichlorodifluoromethane (Freon 12)	ND	10	n		
1,1-Dichloroethane	ND	5.0	п		
1,2-Dichloroethane	ND	5.0	11		
1,1-Dichloroethene	ND	5.0	11		
cis-1,2-Dichloroethene	ND	5.0			
trans-1,2-Dichloroethene	ND	5.0	н		

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil M	S									
Blank (CO01494-BLK1)				Prepared	& Analyze	ed: 02/25/	05			
1,2-Dichloropropane	ND	5.0	μg/kg							
1,3-Dichloropropane	ND	5.0	11					or .		
2,2-Dichloropropane	ND	5.0	**							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0								
trans-1,3-Dichloropropene	ND	5.0			ţ.					
Ethylbenzene	ND	5.0								
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	. ND	5.0	**							
Hexachlorobutadiene	ND	5.0	**							
2-Hexanone	ND	50	•							
Isopropylbenzene	ND	5.0	•							
p-Isopropyltoluene	ND	5.0								
Methylene chloride	ND	5.0								
4-Methyl-2-pentanone	ND	50								
Methyl tert-butyl ether	ND	5.0	н							
Naphthalene	ND	5.0	n							
n-Propylbenzene	ND	5.0	316							
Styrene	ND	5.0	311							
1,1,2,2-Tetrachloroethane	ND	5.0	30							
1,1,1,2-Tetrachloroethane	ND	5.0	11							
Tetrachloroethene	ND	5.0								
Toluene	ND	5.0						92		
1,2,3-Trichlorobenzene	ND	5.0	п							
1,2,4-Trichlorobenzene	ND	5.0	н							
1,1,2-Trichloroethane	ND	5.0	•							
1,1,1-Trichloroethane	ND	5.0	n							
Trichloroethene	ND	5.0	n							
Trichlorofluoromethane	ND	5.0	н							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	900							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS					1/2					
Blank (CO01494-BLK1)				Prepared	& Analyze	ed: 02/25/	0.5		***************************************	
1,2,4-Trimethylbenzene	ND	5.0	μg/kg	Tropurou	co i mai j z.					
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	800							
Surrogate: 1,2-Dichloroethane-d4	50.1		"	50.0		100	50-125			-
Surrogate: Toluene-d8	47.8		: <i>n</i>	50.0		95.6	62-125			
Surrogate: 4-Bromofluorobenzene	48.6		"	50.0	*	97.2	50-128			
LCS (CO01494-BS1)				Prepared	& Analyze	ed: 02/25/	05			
Benzene	55.0	5.0	μg/kg	50.0		110	64-135			
Chlorobenzene	52.1	5.0		50.0		104	67-133			
1,1-Dichloroethene	59.9	5.0	п	50.0		120	53-137			
Toluene	53.8	5.0		50.0		108	61-138			
Trichloroethene	50.5	5.0	"	50.0		101	64-130			
Surrogate: 1,2-Dichloroethane-d4	51.8		"	50.0		104	50-125			
Surrogate: Toluene-d8	48.9		"	50.0		97.8	62-125			
Surrogate: 4-Bromofluorobenzene	49.9		и	50.0		99.8	<i>50-128</i>			
LCS Dup (C001494-BSD1)				Prepared	& Analyze	ed: 02/25/	05			
Benzene	51.6	5.0	μg/kg	50.0		103	64-135	6.38	30	
Chlorobenzene	48.0	5.0	"	50.0		96.0	67-133	8.19	30	
1,1-Dichloroethene	58.4	5.0		50.0		117	53-137	2.54	30	
Toluene	50.5	5.0	и	50.0		101	61-138	6.33	30	
Trichloroethene	46.7	5.0	п	50.0		93.4	64-130	7.82	30	
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	50-125			
Surrogate: Toluene-d8	49.3		""	50.0		98.6	62-125			
Surrogate: 4-Bromofluorobenzene	49.4		"	50.0		98.8	50-128			
Matrix Spike (CO01494-MS1)	So	urce: COB07	96-01	Prepared	& Analyz	ed: 02/25/	05		245	
Benzene	46.9	5.0	μg/kg	50.0	ND	93.8	58-139			
Chlorobenzene	44.4	5.0		50.0	ND	88.8	62-134			
1,1-Dichloroethene	60.0	5.0	л	50.0	ND	120	53-152			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO01494 - EPA 5030 Soil MS				mo						
Matrix Spike (CO01494-MS1)	Source: COB0796-01			Prepared & Analyzed: 02/25/05						
Toluene	46.2	5.0	μg/kg	50.0	ND	92.4	58-139			
Trichloroethene	42.1	5.0	n	50.0	ND	84.2	55-138			
Surrogate: 1,2-Dichloroethane-d4	54.4	-11	"	50.0		109	50-125			
Surrogate: Toluene-d8	48.5		"	50.0		97.0	62-125			
Surrogate: 4-Bromofluorobenzene	48.3		"	50.0		96.6	50-128			
Matrix Spike Dup (CO01494-MSD1)	Source: COB0796-01			Prepared & Analyzed: 02/25/05						
Benzene	52.9	5.0	μg/kg	50.0	ND	106	58-139	12.0	30	
Chlorobenzene	50.6	5.0	.0	50.0	ND	101	62-134	13.1	30	
1,1-Dichloroethene	61.7	5.0	11	50.0	ND	123	53-152	2.79	30	
Toluene	51.6	5.0	11	50.0	ND	103	58-139	11.0	30	
Trichloroethene	49.1	5.0	и	50.0	ND	98.2	55-138	15.4	30	
Surrogate: 1,2-Dichloroethane-d4	51.3		"	50.0	77.	103	50-125			
Surrogate: Toluene-d8	49.4			50.0		98.8	62-125			
Surrogate: 4-Bromofluorohenzene	49.6		"	50.0		99.2	50-128			

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Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference